



## QUALIFICATIONS PACK - OCCUPATIONAL STANDARDS FOR MEDIA AND ENTERTAINMENT INDUSTRY

# What are Occupational Standards(OS)?

- OS describe what individuals need to do, know and understand in order to carry out a particular job role or function
- OS are performance standards that individuals must achieve when carrying out functions in the workplace, together with specifications of the underpinning knowledge and understanding

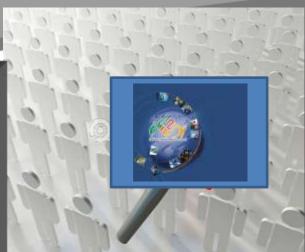
#### Contact Us:

Media & Entertainment Skills Council

E-mail: mesc@ficci.com







#### Contents

1.	Introduction and Contacts	P.1
2.	Qualifications Pack	P.2
3.	OS Units	.P.2
4.	Glossary of Key Terms	.P.3
5	Annoyura: Namonalatura for OD & OS	DE

#### Introduction

#### **Qualifications Pack-Sound Editor**

**SECTOR: MEDIA AND ENTERTAINMENT** 

SUB-SECTOR: Film, Television, Radio, Animation, Advertising

**OCCUPATION:** Sound Editor

**REFERENCE ID: MES/Q3404** 

**ALIGNED TO:** NCO-2015/2153.0501

Sound Editor in the Media & Entertainment Industry is also known as a Dialogue/ Sound/Foley Effects Editor or Supervising Sound Editor

(For Film, there will be at least one of each editor- Dialogue, Effect, Foley, along with a supervising Sound Editor/Designer to manage them and deliver the end product)

**Brief Job Description:** Individuals at this job are responsible for preparing, organizing and editing sound sequences that meet the quality standards and requirements of production.

**Personal Attributes:** This job requires the individual to know how to operate a range of sound equipment and software. Depending on the size of the production, the individual may have to delegate to/supervise several Sound Editing Assistants or Sound Specialists. The individual must be well-versed in the principles of acoustics, psychoacoustics and aural discrimination. The individual must be able to select sound sources and apply various editing techniques and treatments to create quality end-products that meet production requirements.





Qualifications Pack Code	MES/Q3404		
Job Role	Sound Editor  This job role is applicable in both national and international scenarios		
Credits (NSQF)	TBD Version number 1.0		
Sector	Media and Entertainment	Drafted on	08/11/2014
Sub-sector	Film, Television, Radio, Animation, Gaming, Advertising	Last reviewed on	26/11/2018
Occupation	Sound	Next review date	20/06/2021
NSQC Clearance on	22/08/2019		

Job Role	Sound Editor	
Role Description	Edit sound sources to create required end-products	
NSQF level	5	
Minimum Educational Qualifications	Class XII, preferably with a background in physical sciences	
Maximum Educational Qualifications	Graduation, preferably in Arts/Technology	
Prerequisite License or Training	Sound mixing and sound editing software Formal film education (optional)	
Experience	5+ Years of work experience, with experience in post- production sound editing	
Applicable National Occupational Standards (NOS)	Compulsory:  1. MES/N3408 (Edit sound)  2. MES/N3411 (Document and store media)  3. MES/N3412 (Mix sound)  4. MES/N0104 (Maintain workplace health and safety)  Optional: N.A.	
Performance Criteria	As described in the relevant OS units	





Keywords /Terms	Description		
Acoustics	Acoustics is the science of sound production, creation of effects and their transmission		
Budget	Budget is an estimate of the total cost of production that may include a break-up of cost components		
Continuity	Continuity represents the seamless transition from one shot to another		
Copyright Laws	A legal framework linked to intellectual property and the rights given to creators of original products/ concepts		
Creative Brief	Creative brief is a document that captures the key questions that serve as a guide for the production including the vision, objective of the project, target audience, timelines, budgets, milestones, stakeholders etc.		
Psychoacoustics	Psychoacoustics is the study of the psychological and physiological responses to sound.		
Target Audience	Group of people at whom content/ adverting is aimed. A target audience is typically defined by age, gender, economic classification, geography and any other relevant parameters (e.g. Females, aged 25-40, average monthly household income INR 25,000-50,000, from Hindi speaking states in North India)		
Timelines	Timelines is a listing of dates by which the production milestones/stages need to be completed		
Sector	Sector is a conglomeration of different business operations having similar businesses and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.		
Sound concept	Sound concept is a description of the overall sound experience for the production		
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.		
Vertical	Vertical may exist within a sub-sector representing different domain areas or the client industries served by the industry.		
Occupation	Occupation is a set of job roles, which perform similar/related set of functions in an industry		
Function	Function is an activity necessary for achieving the key purpose of the sector, occupation, or area of work, which can be carried out by a person or a group of persons. Functions are identified through functional analysis and form the basis of OS.		
Sub-functions	Sub-functions are sub-activities essential to fulfill the achieving the objectives of the function.		
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organization.		
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the knowledge and understanding they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.		
Performance Criteria	Performance Criteria are statements that together specify the standard of performance required when carrying out a task		
National Occupational Standards (NOS)	NOS are Occupational Standards which apply uniquely in the Indian context.		



#### Qualifications Pack For Sound Editor



Qualifications Pack	Qualifications Pack Code is a unique reference code that identifies a		
Code	qualifications pack.		
Qualifications Pack(QP)	·		
	training and other criteria required to perform a job role. A Qualifica		
	Pack is assigned a unique qualification pack code.		
Unit Code	Unit Code is a unique identifier for an Occupational Standard, which is		
	denoted by an 'N'.		
Unit Title	Unit Title gives a clear overall statement about what the incumbent should be able to do.		
Description			
Description	Description gives a short summary of the unit content. This would be		
	helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.		
Scope	Scope is the set of statements specifying the range of variables that an		
Эсорс	individual may have to deal with in carrying out the function which have a		
	critical impact on the quality of performance required.		
Knowledge and	Knowledge and Understanding are statements which together specify the		
Understanding	technical, generic, professional and organizational specific knowledge that		
, and the second	an individual needs in order to perform to the required standard.		
Organizational Context	Organizational Context includes the way the organization is structured and		
	how it operates, including the extent of operative knowledge managers		
	have of their relevant areas of responsibility.		
Technical Knowledge   Technical Knowledge is the specific knowledge needed to a			
	specific designated responsibilities.		
Core Skills/Generic	Core Skills or Generic Skills are a group of skills that are key to learning and		
Skills	working in today's world. These skills are typically needed in any work		
	environment. In the context of the OS, these include communication		
	related skills that are applicable to most job roles.		
Keywords /Terms	Description		
NOS	National Occupational Standard(s)		
QP	Qualifications Pack		
NSQF	National Skill Qualifications Framework		
NVEQF	National Vocational Education Qualifications Framework		
NVQF	National Vocational Qualifications Framework		



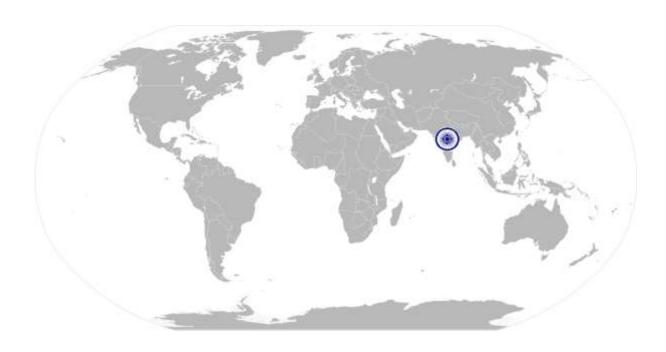






**Edit sound** 

# National Occupational Standard



#### **Overview**

This unit is about editing different sound sources in accordance with production requirements





MES/N3408

#### **Edit sound**

Unit Code	MES/N3408		
Unit Title (Task)	Edit sound		
Description	This OS unit is about editing different sound sources in accordance with production requirements		
Scope	This unit/task covers the following:  • Edit various sound sources  (live or pre-recorded music, atmosphere tracks, dialogue, foley effects, live/pre-recorded/electronic sound effects tracks; end-products could include sound tracks, films, interviews, documentaries, news broadcasts, radio programmes)		
Performance Criteria (I	PC) w.r.t. the Scope		
Element	Performance Criteria		
Edit various sound sources	PC1. identify/align/organise unedited sound materials, and check sound equipment/editing facilities in preparation for editing  PC2. verify the technical/creative quality of sound sources and whether they meet production standards, propose options to resolve issues as required  PC3. critically listen to sound sources to determine the extent and range of required edits w.r.t. the format of the end-product  PC4. cut and synchronise the sound sources, removing any extraneous background sounds in preparation for final sound mixing  PC5. manage the creative/technical quality check of the final sound edit in line with enterprise procedures and production requirements  PC6. organise the digitisation and transfer of sound sources to appropriate equipment, ensuring that the requirements for digital storage and formatting are met		
Knowledge and Unders			
A. Organizational Context  (Knowledge of the company / organization and its processes)	The user/individual on the job needs to know and understand:  KA1. the technical and creative requirements of the sound edit, as agreed upon during discussions with the director and producers  KA2. the end-use and likely output devices from which the sound would be heard  KA3. applicable timelines and budget for editing the required sound sequences		





#### MES/N3408

#### **Edit sound**

B. Technical	The user/individual on the job needs to know and understand:		
Knowledge	KB1. industry-standard sound editing conventions, processes and techniques – both		
	analogue and digital		
	KB2. the principles of acoustics, psychoacoustics and aural discrimination, so as to		
	critically analyse sound elements/sequences		
	KB3. the principles of sonic storytelling, so as to focus attention, intensify action a		
	set the pace/mood		
	KB4. how to identify sound defects (e.g. muffled dialogue) and troubleshoot these		
	issues		
	KB5. how to digitise/change/back-up different sound materials w.r.t. file formats,		
	compression and technical standards		
	KB6. how to synchronise picture and sound using time codes, frame rates and		
	sample rates		
	KB7. the principles of sound recording, editing and mixing equipment		
	KB8. how to edit a range of audio sequences/segments using various sound		
	equipment/software (Avid, Adobe Audition, Magix Music Maker, Goldwave)		
	to achieve the technical/creative requirements of the production		
	KB9. THE APPLICABLE copyright norms and intellectual property rights		
Skills (S) (Optional)			
A. Core Skills/	Writing Skills		
Generic Skills	-		
Generic Skiiis	The user/individual on the job needs to know and understand how to:		
SA1. identify/ obtain, log, label, securely store and back-up sound ma			
	SA2. accurately note sound effects on spotting sheets		
	SA3. log/assess sound sequences and submit edit decision lists to relevant		
	production personnel by the agreed deadline		
	Reading Skills		
	The user/individual on the job needs to know and understand how to:		
	SA4. read and understand the creative and technical requirements for editing		
	SA5. read the script and understand the context/emotion that would need to be		
	expressed through editing		
	SA6. keep up-to-date knowledge of editing software and equipment upgrades		
	SA7. read and interpret sound documentation and edit decision lists		
	Oral Communication (Listening and Speaking skills)		
The user/individual on the job needs to know and understand how to:			
SA8. participate in pre-production meetings with relevant personnel to dis			
	creative/technical objectives of the sound edit, as well as post-production		
	spotting sessions to make the appropriate adjustments		
	regarding the sound concept, as well as creative/technical requirements		
	in the control of the		
	requirements throughout the production schedule and ensure that the final		
	requirements throughout the production schedule and ensure that the final product meets guidelines		
	requirements throughout the production schedule and ensure that the final product meets guidelines  SA11. provide feedback to junior personnel regarding editing techniques (optional),		
	SA9. communicate effectively with producers/director/relevant personnel		





#### **Edit sound**

		SA12. present and solicit feedback on the end-products and identify modifications, if required		
В.	<b>Professional Skills</b>	Plan and Organize		
		The user/individual on the job needs to know and understand how to:  SB1. plan and delegate work (where required and as needed) so as to deliver the end-products required within timelines and within the designated budget		
		Problem Solving		
		The user/individual on the job needs to know and understand how to:  SB2. identify problems with the successful execution of the task (e.g. sound defects, system failures, mechanical breakdowns) and resolve them in consultation with relevant personnel		
		Critical Thinking		
		The user/individual on the job needs to know and understand how to:  SB3. critically analyse the end-products to ensure they are of the optimum quality and meet the requirements of post-production		







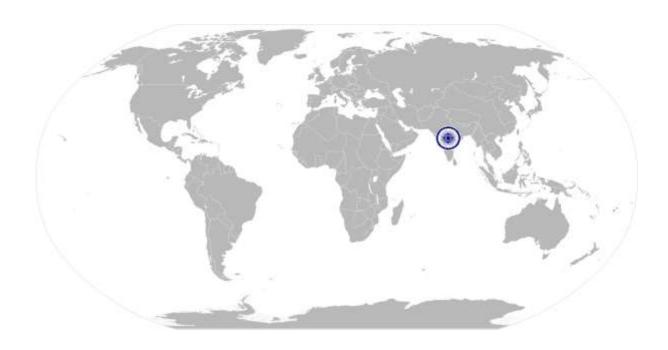




#### **Edit sound**

### **NOS Version Control**

NOS Code	MES/N3408		
Credits (NSQF)	TBD	Version number	1.0
Sector	Media and Entertainment	Drafted on	08/11/2014
Sub-sector	Film, Television, Radio, Animation, Gaming, Advertising	Last reviewed on	26/11/2018
Occupation	Sound	Next review date	20/06/2021







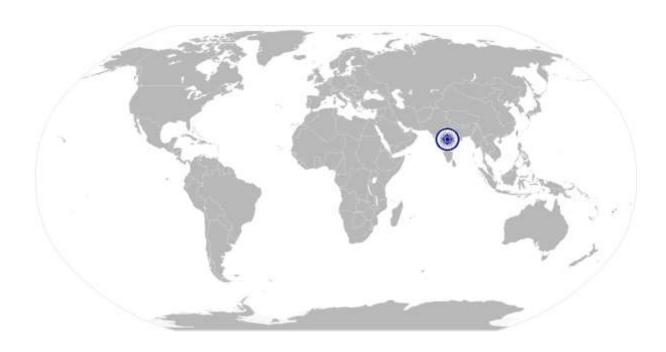




#### **Document and store media**

------

# National Occupational Standard



### **Overview**

This unit is about keeping accurate logs, labelling media, and sorting media accurately and safely.









#### **Document and store media**

Unit Code	MES/N3411		
Unit Title (Task)	Document and store media		
Description	This OS unit is about keeping accurate logs, labelling media, and sorting media accurately and safely.		
Scope	This unit/task covers the following:  Storing media in appropriate conditions which will optimize the life of the materials, and storing recordings safely and securely.		
Performance Criteria (P	PC) w.r.t. the Scope		
Element	Performance Criteria		
Storing media in appropriate conditions which will optimize the life of the materials, and storing recordings safely and securely	To be competent, the user/individual on the job must be able to:  PC1. keep an accurate, concise, legible and up-to-date log in the required format  PC2. keep a log which accurately and succinctly shows complete details of the set- up and selected takes, and indicates their quality and acceptability.  PC3. show, the correct title of production, the date when the material was created, and any other relevant details on accurate and up-to-date labels  PC4. label the recorded medium clearly and confirm that the medium and its container carry identical marks  PC5. safeguard materials for future use where commercially important  PC6. store recordings, back-up recordings and related materials securely and safely		
Knowledge and Unders	Wall will		
A. Organizational Context  (Knowledge of the company / organization and its processes)  The user/individual on the job needs to know and understand:  KA1. the technical and creative requirements of the production requirements, as agreed upon during discussions with the producers  KA2. the end-use and likely output devices from which the sound wou KA3. applicable timeline/budget for storing required sound sequences			
B. Technical Knowledge	<ul> <li>The user/individual on the job needs to know and understand:</li> <li>KB1. standard labelling systems, electronic or paper, and which one is required for the media</li> <li>KB2. what types of media and associated materials are to be stored</li> <li>KB3. any relevant or required metadata standards</li> <li>KB4. the basics of sound recording, editing and mixing equipment</li> <li>KB5. when it is necessary to log session details such as microphone position and desk settings</li> <li>KB6. what information is required on labels, the technical parameters and synchronization information to be included on the documentation, and the recording format as it should be noted in the log</li> <li>KB7. how to log problems or other useful information</li> <li>KB8. the anticipated deterioration times of the media being used, as specified by the manufacturer, and how to replace archive material when necessary</li> </ul>		





#### MES/N3411

#### **Document and store media**

		KB9. the storage file and optimum storage conditions of the media and the effect of adverse conditions on it
Ski	ills (S) ( <u>Optional</u> )	
A.	Core Skills/	Writing Skills
	Generic Skills	The user/individual on the job needs to know and understand how to: SA1. identify/ obtain, log, label, securely store and back-up sound materials Reading Skills
		The user/individual on the job needs to know and understand how to:  SA2. read and understand the creative and technical requirements for storage of materials  SA3. keep up-to-date knowledge of storage techniques and equipment upgrades
		Oral Communication (Listening and Speaking skills)
		The user/individual on the job needs to know and understand how to:  SA4. communicate effectively with producers/director/relevant personnel on possible uses of the documented/stored media  SA5. collaborate with the sound designer, engineer or supervisor to establish requirements and ensure that guidelines are met
B. Professional Skills		Plan and Organize
		The user/individual on the job needs to know and understand how to: SB1. plan and delegate work (where required and as needed) so as to deliver the end- products required within timelines and within the designated budget
		Problem Solving
		The user/individual on the job needs to know and understand how to:  SB2. identify problems with the successful execution of the task (e.g. sound defects, system failures, mechanical breakdowns) and resolve them in consultation with relevant personnel
		Critical Thinking
		The user/individual on the job needs to know and understand how to:  SB3. critically analyse the end-products to ensure they are of the optimum quality and meet the requirements of post-production





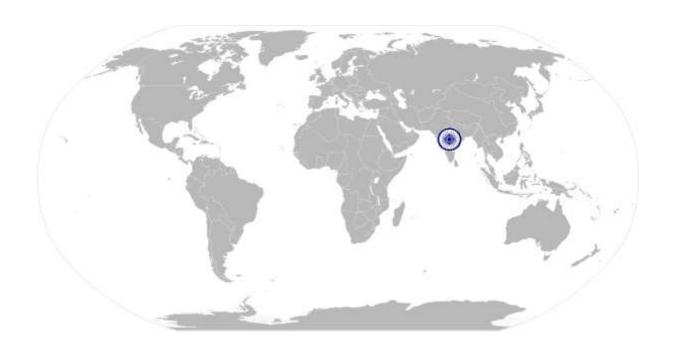




#### **Document and store media**

### **NOS Version Control**

NOS Code	MES/N3411		
Credits (NSQF)	TBD	Version number	1.0
Sector	Media and Entertainment	Drafted on	08/11/2014
Sub-sector	Film, Television, Radio, Animation, Gaming, Advertising	Last reviewed on	26/11/2018
Occupation	Sound	Next review date	20/06/2021











Mix sound

# National Occupational Standard



### **Overview**

This unit is about mixing sound during post-production or live recordings in accordance with production requirements







MES/N3412 Mix sound

Linit Code		
Unit Code	MES/N3412	
Unit Title (Task)	Mix sound	
Description	This OS unit is about recording/mixing sound using different sound sources in accordance to production requirements.  Across productions and sound sources such as: Productions could include sound tracks, background scores, interviews, documentaries, live events, news broadcasts, radio programmes; Sound sources can include live music, songs, interviews, announcements, dialogues, commentaries etc., pre-recorded sound tracks/clips, phone-ins	
Scope	<ul> <li>This unit/task covers the following task:</li> <li>Work with sound sources</li> <li>Mix sound</li> <li>Work with contributors and colleagues</li> </ul>	
Performance Criteria (	PC) w.r.t. the Scope	
Element	Performance Criteria	
Work with sound sources	To be competent, the user/individual on the job must be able to: PC1. select valid criteria and use reliable methods to assess the sources required for	
Sources	the final mix PC2. confirm that sound sources have the desired intelligibility, position and image in terms of the required sound PC3. ensure that stereo and multi-channel sound sources have the required compatibility, where appropriate PC4. control the level of the composite signal within technical limits and within the desired dynamic range	
Mix Sound	To be competent, the user/individual on the job must be able to:  PC5. manipulate sound sources to achieve the level, balance, tonal quality, perspective and dynamic range appropriate to the required sound  PC6. create the sound mix within production constraints  PC7. create a sound mix which is appropriate to the context in which it will be heard  PC8. accurately identify and promptly correct any problems in creating the mix, minimising disruption to contributors and colleagues  PC9. ensure that tracks and mixes are organised in a way that is suitable for later use in editing  PC10. ensure that any paperwork is accurate, legible and conforms with conventions that will be understood by other mixers, sound technicians etc.	
Work with	To be competent, the user/individual on the job must be able to:	
Contributors and Colleagues	PC11. efficiently communicate with sound or other crew regarding equipment positioning and requirements  PC12. respond to and interpret suggestions from the contributor, colleagues, client or production during sound mixing, clarify any ambiguities or misunderstandings, and take appropriate action  PC13. Explain clearly any problems with the sound mix, and offer realistic options	
Knowledge and Under	standing (K)	
A. Organizational	The user/individual on the job needs to know and understand:	







#### Mix sound

KA1. the creative and technical requirements of the production/sound concept (Knowledge of the company / organization and its processes)  B. Technical Knowledge  The user/individual on the job needs to know and understand: KB1. the functional and operating characteristics of commonly used mixing, ancillary and encoding equipment KB2. the principles of "storytelling" and the conventions of different genres and styles of film and programme-making KB3. the requirements for dynamic range and intelligibility, and how to achieve them KB4. the different kinds of sound treatment and equalisation, and how to achieve them KB5. the characteristics of tonal quality and perspective, and how to achieve them KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.) KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components KB12. the applicable copyright norms and intellectual property rights  Skills (5) (Optional)  A. Core Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the creative and technical requirements for recording SA4. read the script and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
company / organization and its processes)  B. Technical Knowledge  The user/individual on the job needs to know and understand:  KB1. the functional and operating characteristics of commonly used mixing, ancillary and encoding equipment  KB2. the principles of "storytelling" and the conventions of different genres and styles of film and programme-making  KB3. the requirements for dynamic range and intelligibility, and how to achieve them  KB4. the different kinds of sound treatment and equalisation, and how to achieve them  KB5. the characteristics of tonal quality and perspective, and how to achieve them  KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)	Context		
B. Technical Knowledge  The user/individual on the job needs to know and understand:  KB1. the functional and operating characteristics of commonly used mixing, ancillary and encoding equipment  KB2. the principles of "storytelling" and the conventions of different genres and styles of film and programme-making  KB3. the requirements for dynamic range and intelligibility, and how to achieve them  KB4. the different kinds of sound treatment and equalisation, and how to achieve them  KB5. the characteristics of tonal quality and perspective, and how to achieve them  KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:	(Knowledge of the	· · · · · · · · · · · · · · · · · · ·	
Its processes	company /	8. applicable timelines and budget for recording the required sound	
Its processes	• • • •		
The user/individual on the job needs to know and understand:  Knowledge  Knowledge  KB1. the functional and operating characteristics of commonly used mixing, ancillary and encoding equipment  KB2. the principles of "storytelling" and the conventions of different genres and styles of film and programme-making  KB3. the requirements for dynamic range and intelligibility, and how to achieve them  KB4. the different kinds of sound treatment and equalisation, and how to achieve them  KB5. the characteristics of tonal quality and perspective, and how to achieve them  KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills  Mriting Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the creative and technical requirements for recording SA4. read the script and understand the tecative and technical requirements for recording SA4. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the creative and technical requirements for recording SA4. read the script and understand the creative and technical requirements for seconds.	_		
Knowledge  KB1. the functional and operating characteristics of commonly used mixing, ancillary and encoding equipment  KB2. the principles of "storytelling" and the conventions of different genres and styles of film and programme-making  KB3. the requirements for dynamic range and intelligibility, and how to achieve them  KB4. the different kinds of sound treatment and equalisation, and how to achieve them  KB5. the characteristics of tonal quality and perspective, and how to achieve them  KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  Writing Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:	its processes)		
and encoding equipment KB2. the principles of "storytelling" and the conventions of different genres and styles of film and programme-making KB3. the requirements for dynamic range and intelligibility, and how to achieve them KB4. the different kinds of sound treatment and equalisation, and how to achieve them KB5. the characteristics of tonal quality and perspective, and how to achieve them KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.) KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components KB12. the applicable copyright norms and intellectual property rights  Skills (\$) (Optional)  A. Core Skills/ Generic Skills  Writing Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the sound concept SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:	B. Technical	The user/individual on the job needs to know and understand:	
KB2. the principles of "storytelling" and the conventions of different genres and styles of film and programme-making KB3. the requirements for dynamic range and intelligibility, and how to achieve them KB4. the different kinds of sound treatment and equalisation, and how to achieve them KB5. the characteristics of tonal quality and perspective, and how to achieve them KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.) KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components KB12. the applicable copyright norms and intellectual property rights  Skills (5) (Optional)  A. Core Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:	Knowledge		
KB3. the requirements for dynamic range and intelligibility, and how to achieve them  KB4. the different kinds of sound treatment and equalisation, and how to achieve them  KB5. the characteristics of tonal quality and perspective, and how to achieve them  KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		and encoding equipment	
KB3. the requirements for dynamic range and intelligibility, and how to achieve them  KB4. the different kinds of sound treatment and equalisation, and how to achieve them  KB5. the characteristics of tonal quality and perspective, and how to achieve them  KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		KB2. the principles of "storytelling" and the conventions of different genres and	
them  KB4. the different kinds of sound treatment and equalisation, and how to achieve them  KB5. the characteristics of tonal quality and perspective, and how to achieve them  KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (s) (Optional)  A. Core Skills/  Generic Skills  Writing Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		styles of film and programme-making	
KB4. the different kinds of sound treatment and equalisation, and how to achieve them  KB5. the characteristics of tonal quality and perspective, and how to achieve them KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		KB3. the requirements for dynamic range and intelligibility, and how to achieve	
them  KB5. the characteristics of tonal quality and perspective, and how to achieve them  KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  Writing Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		them	
KB5. the characteristics of tonal quality and perspective, and how to achieve them KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		KB4. the different kinds of sound treatment and equalisation, and how to achieve	
KB6. basic principles of pitch, rhythm, melody, harmony and time signatures and how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		them	
how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		KB5. the characteristics of tonal quality and perspective, and how to achieve them	
how to apply them  KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
KB7. the characteristics, uses and requirements of mono, stereo and surround formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
formats, and how to achieve them  KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		1	
KB8. the principles and styles of music and different musical ensembles (orchestra, string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/  Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		· ·	
string quartet, rock group, jazz quartet, soloist, etc.)  KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
KB9. the context in which the mix will be played, what the end-product will be used for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
for and the equipment it will be heard through- and how to take this into account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to:  SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
account when creating the mix  KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
KB10. the needs of post-production sound and editing, and how the sound will be used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
used in postproduction  KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
KB11. sound editing/mixing software (e.g.: adobe audition, nuendo, pyramix) w.r.t. both their theoretical and practical components  KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to:			
both their theoretical and practical components KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
KB12. the applicable copyright norms and intellectual property rights  Skills (S) (Optional)  A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
A. Core Skills/ Generic Skills  The user/individual on the job needs to know and understand how to:     SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to:     SA2. read and understand the sound concept     SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		· · · · · · · · · · · · · · · · · · ·	
A. Core Skills  Generic Skills  The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:	Skills (S) (Ontional)	KB12. the applicable copyright norms and intellectual property rights	
The user/individual on the job needs to know and understand how to: SA1. prepare notes to use during the recording/mixing sessions  Reading Skills  The user/individual on the job needs to know and understand how to: SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		Mariana Chille	
Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording  SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:	_	Writing Skills	
Reading Skills  The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording  SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:	Generic Skills		
The user/individual on the job needs to know and understand how to:  SA2. read and understand the sound concept  SA3. read and understand the creative and technical requirements for recording  SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		SA1. prepare notes to use during the recording/mixing sessions	
SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		Reading Skills	
SA2. read and understand the sound concept SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
SA3. read and understand the creative and technical requirements for recording SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
SA4. read the script and understand the context/emotion that would need to be expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:		·	
expressed through the sound  Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
Oral Communication (Listening and Speaking skills)  The user/individual on the job needs to know and understand how to:			
The user/individual on the job needs to know and understand how to:			
		Oral Communication (Listening and Speaking Skills)	
		The user/individual on the job needs to know and understand how to:	
regarding the sound concept, as well as creative/technical requirements			



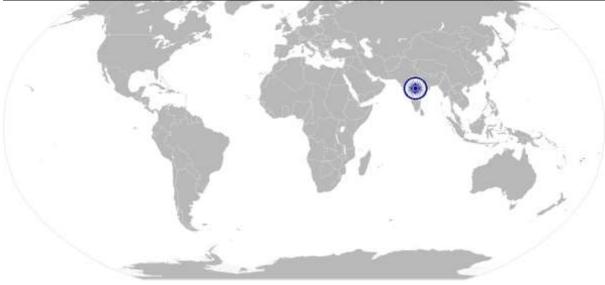






#### Mix sound

		SA6. discuss the possibilities of creating sound with the given sound sources so as	
		to conform to the sound concept	
		SA7. present and solicit feedback on the end-products and identify modifications	
		required	
B. Profession	onal Skills	Plan and Organize	
		The user/individual on the job needs to know and understand how to:	
		SB1. plan individual work and timelines so as to deliver the end-products required	
		within timelines and within the designated budget	
		Problem Solving	
		Problem Solving	
		The user/individual on the job needs to know and understand how to:	
		The user/individual on the job needs to know and understand how to:	
		The user/individual on the job needs to know and understand how to:  SB2. identify problems with successful execution of the task and resolve them in	
		The user/individual on the job needs to know and understand how to:  SB2. identify problems with successful execution of the task and resolve them in consultation with the Sound Supervisor	
		The user/individual on the job needs to know and understand how to:  SB2. identify problems with successful execution of the task and resolve them in	
		The user/individual on the job needs to know and understand how to:  SB2. identify problems with successful execution of the task and resolve them in consultation with the Sound Supervisor	
		The user/individual on the job needs to know and understand how to:  SB2. identify problems with successful execution of the task and resolve them in consultation with the Sound Supervisor  Critical Thinking  The user/individual on the job needs to know and understand how to:	
		The user/individual on the job needs to know and understand how to:  SB2. identify problems with successful execution of the task and resolve them in consultation with the Sound Supervisor  Critical Thinking  The user/individual on the job needs to know and understand how to:  SB3. critically analyse the end-products to ensure they are of the optimum quality	
		The user/individual on the job needs to know and understand how to:  SB2. identify problems with successful execution of the task and resolve them in consultation with the Sound Supervisor  Critical Thinking  The user/individual on the job needs to know and understand how to:	







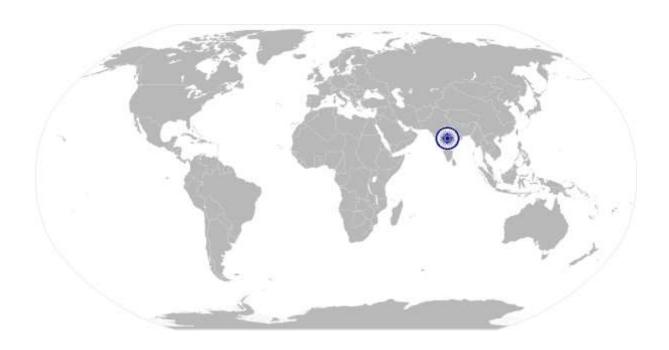




#### Mix sound

### **NOS Version Control**

NOS Code	MES /N3412		
Credits (NSQF)	TBD	Version number	1.0
Sector	Media and Entertainment	Drafted on	08/11/2014
Sub-sector	Film, Television, Radio, Animation, Gaming, Advertising	Last reviewed on	26/11/2018
Occupation	Sound	Next review date	20/06/2021











Maintain workplace health and safety

# National Occupational Standard



### **Overview**

This unit is about contributing towards maintaining a healthy, safe and secure working environment





Maintain workplace health and safety

Unit Code	MES/N0104	
Unit Title (Task)	Maintain workplace health and safety	
Description	This OS unit is about contributing towards maintaining a healthy, safe and secure working environment	
Scope	<ul> <li>This unit/task covers the following:</li> <li>understanding the health, safety and security risks prevalent at the workplace</li> <li>knowing the people responsible for health and safety and the resources available</li> <li>identifying and reporting risks</li> <li>complying with procedures in the event of an emergency</li> </ul>	

#### Performance Criteria (PC) w.r.t. the Scope

Element	Performance Criteria	
Understanding the	To be competent, the user/individual on the job must be able to:	
health, safety and security risks prevalent in the	PC1. maintain one's posture and position to minimize fatigue and any risk of injury	
workplace	PC2. maintain first aid kit and keep oneself updated on the first aid procedures	
	PC3. identify and document potential risks like sitting postures while using	
	computer, eye fatigues and other hazards at the workplace	
	PC4. accurately maintain accident reports	
	PC5. report health and safety risks/ hazards to the concerned personnel	
	PC6. participate in organization's health and safety knowledge sessions and drills	
Knowing the people	PC7. identify the people responsible for health and safety at the workplace,	
responsible for	including those to contact in case of an emergency	
health and safety and the resources	PC8. identify security signals e.g. fire alarms and places such as staircases, fire	
available	warden stations, first aid and medical rooms	
Identifying and	PC9. identify aspects of your workplace that could cause potential risk to own	
reporting risks	and others health and safety	
	PC10. ensure own personal health and safety, and that of others at the workplace	
	through precautionary measures	
	PC11. identify and recommend opportunities for improving health, safety, and	
	security to the designated person	
	PC12. report any hazards outside the individual's authority to the relevant person in line with organisational procedures and warn other people who may be affected	





#### MES/N0104

#### Maintain workplace health and safety

Complying with procedures in the event of an emergency	PC13. follow organization's emergency procedures for accidents, fires or any other natural calamity in case of a hazard PC14. identify and correct risks like illness, accidents, fires or any other natural calamity safely and within the limits of individual's authority	
Knowledge and Unders	standing (K)	
A. Organizational Context (Knowledge of the company / organization and its processes)	The user/individual on the job needs to know and understand: KA1. organisation's norms and policies relating to health and safety KA2. government norms and policies regarding health and safety and related emergency procedures KA3. limits of authority while dealing with risks/ hazards KA4. the importance of maintaining high standards of health and safety at a workplace	
B. Technical Knowledge	The user/individual on the job needs to know and understand: KB1. the different types of health and safety hazards in a workplace KB2. safe working practices for own job role KB3. evacuation procedures and other arrangements for handling risks KB4. names and contact numbers of people responsible for health and safety in a workplace KB5. how to summon medical assistance and the emergency services, where necessary KB6. vendors' or manufacturers' instructions for maintaining health and safety	
Skills (S) (Optional)	while using equipments, systems and/or machines	
A. Core Skills/	Writing Skills	
Generic Skills	The user/individual on the job needs to know and understand how to:  SA1. how to write and provide feedback regarding health and safety to the concerned people  SA2. how to write and highlight potential risks or report a hazard to the concerned people  Reading Skills	
	The user/individual on the job needs to know and understand how to:  SA3. read instructions, policies, procedures and norms relating to health and safety	
	Oral Communication (Listening and Speaking skills)	
	The user/individual on the job needs to know and understand how to:  SA4. highlight potential risks and report hazards to the designated people SA5. listen and communicate information with all anyone concerned or affected	
B. Professional Skills	Decision making	
	The user/individual on the job needs to know and understand how to:  SB1. make decisions on a suitable course of action or plan  Plan and Organize	
	-	
	The user/individual on the job needs to know and understand how to:	









#### Maintain workplace health and safety

SB2.	plan and organize people and resources to deal with risks/ hazards that lie
	within the scope of one's individual authority

#### **Problem Solving**

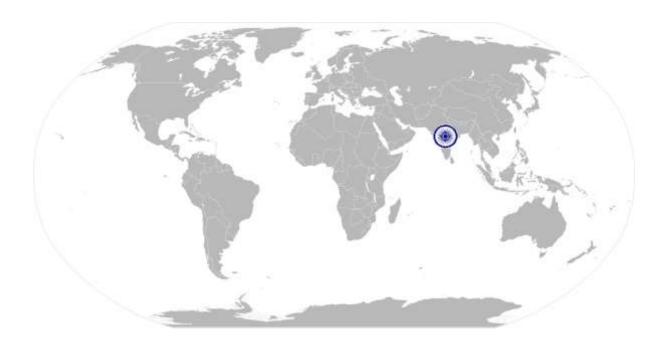
The user/individual on the job needs to know and understand how to:

SB3. apply problem solving approaches in different situations

#### **Critical Thinking**

The user/individual on the job needs to know and understand how to:

- SB4. understand hazards that fall within the scope of individual authority and report all hazards that may supersede one's authority
- SB5. apply balanced judgements in different situations







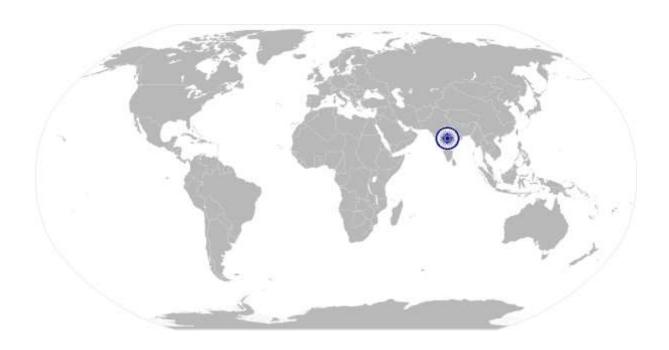




#### Maintain workplace health and safety

### **NOS Version Control**

NOS Code	MES/N0104		
Credits	TBD	Version number	1.0
Sector	Media and Entertainment	Drafted on	08/11/2014
Sub-sector	Film, Television, Radio, Animation, Gaming, Advertising	Last reviewed on	26/11/2018
Occupation	Sound Effects	Next review date	20/06/2021



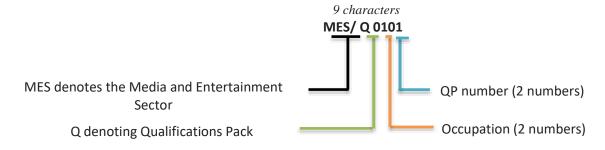




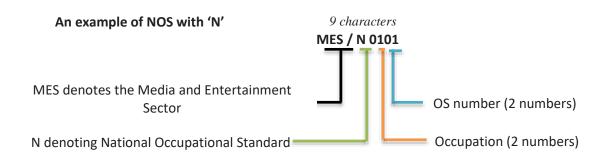
#### **Annexure**

#### **Nomenclature for QP and NOS**

#### **Qualifications Pack**



#### **Occupational Standard**



Back to top...







The following acronyms/codes have been used in the nomenclature above:

Sub-sector	Range of Occupation numbers
Film	01-20
Television	21-30
Print	31-35
Animation	36-45
Gaming	46-55
Radio	56-60
Digital	61-70
OOH / Advertising	71-80
Creative & Performing Art	81-85
Sound & Music	86-90
Theme & Amusement Park	91-95
Event Management	96-99

Sequence	Description	Example
Three letters	Media and Entertainment	MES
Slash	/	/
Next letter	Whether <b>Q</b> P or <b>N</b> OS	Q
Next two numbers	Sound	34
Next two numbers	QP Number	04





### **Annexure: Assessment Criteria**

Assessment Criteria	
Job Role	Sound Editor
Qualification Pack	MES/Q3404, v1.0
Sector Skill Council	Media & Entertainment

Sr. No.	Guidelines for Assessment
1	Criteria for assessment for each Qualification Pack will be created by the Media and Entertainment Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for each PC.
2	Each NOS will be assessed both for theoretical knowledge and practical
3	The assessment will be based on knowledge bank of questions created by the SSC.
4	Individual assessment agencies will create unique question papers for theory and skill practical part for each candidate at each examination/training centre
5	To pass the Qualification Pack, every trainee should score a minimum of 70% in every NOS
6	In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack

Assessment Outcomes	Assessment Criteria for outcomes	Marks Allocation			
		Total Mark	Out of	Theory	Skills Practical
MES/N3408	PC1. Identify/align/organise unedited sound materials, and check sound equipment/editing facilities in preparation for editing		15	10	
Edit Sound	PC2. Verify the technical/creative quality of sound sources and whether they meet production standards, propose options to resolve issues as required	100	10	5	
	PC3. Critically listen to sound sources to determine the extent and range of required edits w.r.t. the format of the end-product	100	10	5	
	PC4. Cut and synchronise the sound sources, removing any extraneous background sounds in preparation for final sound mixing		20	5	60
	PC5. Manage the creative/technical quality check of the final sound edit in line with enterprise procedures and production requirements		15	5	
	PC6. Organise the digitisation and transfer of sound sources to appropriate equipment, ensuring that the requirements for digital storage and formatting are met		30	10	
		Total	100	40	60



#### Assistant Criteria for Sound Editor



MES/N3411 Document and store media	PC1. Keep an accurate, concise, legible and up-to-date log in the required		15	10	
	PC2.Keep a log which accurately and succinctly shows complete details of the set-up and selected takes, and indicates their quality and acceptability.		10	5	
	PC3.Show, the correct title of production, the date when the material was created, and any other relevant details on accurate and upto-date labels		10	5	
	PC4.Label the recorded medium clearly and confirm that the medium and its container carry identical marks	400	20	5	60
	PC5. Safeguard materials for future use where commercially important  PC6. Store recordings, back-up recordings and related materials securely and safely	100	15 30	5 10	
	materials seeding and salety	Total	100	40	60
	PC1. Select valid criteria and use reliable methods to	Total	100	40	00
	assess the sources required for the final mix		10	4	
	PC2.Confirm that sound sources have the desired intelligibility, position and image in terms of the required sound		10	4	
	PC3. Ensure that stereo and multi-channel sound sources have the required compatibility, where appropriate	100	5	2	
	PC4. Control the level of the composite signal within technical limits and within the desired dynamic range		5	2	
	PC5. Manipulate sound sources to achieve the level, balance, tonal quality, perspective and dynamic range appropriate to the required sound		10	4	
	PC6.Create the sound mix within production constraints		5	2	
MES/N3412	PC7. Create a sound mix which is appropriate to the context in which it will be heard		10	4	60
Mix Sound	PC8. Accurately identify and promptly correct any problems in creating the mix, minimising disruption to contributors and colleagues		10	4	
	PC9. Ensure that tracks and mixes are organised in a way that is suitable for later use in editing		5	2	
	PC10. Ensure that any paperwork is accurate, legible and conforms with conventions that will be understood by other mixers, sound technicians etc.	100	10	4	
	PC11. Efficiently communicate with sound or other crew regarding equipment positioning and requirements		10	4	
	PC12.Respond to and interpret suggestions from the contributor, colleagues, client or production during sound mixing, clarify any ambiguities or misunderstandings, and take appropriate action		5	2	
	PC13.Explain clearly any problems with the sound mix, and offer realistic options		5	2	



#### Assistant Criteria for Sound Editor





		Total	100	40	60
	PC1. maintain one's posture and position to minimize fatigue and the risk of injury	100	10	5	50
	PC2. maintain first aid kit and keep oneself updated on the first aid procedures		10	5	
	PC3. identify and document potential risks like sitting postures while using computer, eye fatigues and other hazards at the workplace		5	3	
	PC4. accurately maintain accident reports		5	3	
MES/N0104 Maintain	PC5. report health and safety risks/ hazards to concerned personnel		10	5	
workplace health and	PC6. participate in organization's health and safety knowledge sessions and drills		10	5	
safety	PC7. identify the people, responsible for health and safety at the workplace, including those to contact in case of an emergency		10	5	
	PC8. identify security signals e.g. fire alarms and places such as staircases, fire warden stations, first aid and medical rooms		10	5	
	PC9. identify aspects of workplace that could cause potential risk to own and others health and safety		5	3	
	PC10. ensure own personal health and safety, and that of others in the workplace though precautionary measures		5	3	
	PC11. identify and recommend opportunities for improving health, safety, and security to the designated person		5	2	
	PC12. report any hazards outside the individual's authority to the relevant person in line with organisational procedures and warn other people who may be affected		5	2	
	PC13. follow organisation's emergency procedures for accidents, fire or any other natural calamity in case of a hazard		5	2	
	PC14. identify and correct risks like illness, accidents, fires or any other natural calamity safely and within the limits of individual's authority	-	5	2	
			100	50	50