

## Overview

This Standard involves using self-operated (self-op) studios and technical operative (tech-op) driven studios and being aware of their range of equipment and production techniques.

It is not only about being able to use individual pieces of equipment but also being able to co-ordinate their use under pressure. It requires an understanding of the basic principles of studio operation and the ability to adapt to different configurations, formats and combinations of equipment.

This Standard applies to all those who operate a studio in the radio and television industries.

## Operate a radio or television studio

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### Performance criteria

*You must be able to:*

1. select sound sources and operate studio equipment to meet radio or audio programme requirements carry out concurrent operation of studio controls, mixing desk and digital playout system
2. collaborate with others in the studio production team to achieve radio or audio programme requirements
3. develop viable contingencies to minimise risks to effective operation
4. deal with information or direction given via headphones and talkback without interrupting the flow of a live broadcast
5. use reliable information to diagnose the likely source of technical transmission problems or equipment failure during the broadcast process
6. remedy equipment failure or technical transmission problems that are within your area of expertise
7. seek assistance from appropriate people when technical transmission problems are beyond your own expertise
8. comply with relevant health and safety procedures to minimise risk to yourself and others

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### Knowledge and understanding

*You need to know and understand:*

1. the differences between self-op and tech-op driven studios
2. the roles, responsibilities and hierarchy of studio production teams
3. the differences between studio operations for live or recorded radio or television programming
4. the different technical formats and technologies used to link studios
5. the basic principles of operating a mixing desk, its peripheral equipment, hardware and software
6. the range of potential remote sound sources
7. the characteristics and limitations of different playout systems and how to use them
8. the correct and safe use of headphones and talkback, microphone positions and line of sight
9. the layout, available equipment and technology, and configuration of any particular studio to be used
10. the importance of good studio discipline
11. the various stages of the radio and television broadcast process to identify at what point in the process a particular technical problem may have arisen
12. how to handle problems during live broadcasts without distracting the audience
13. who to contact for help with technical problems which are beyond your expertise
14. the relevant health and safety regulations and procedures applying to the use of all studio equipment

## Operate a radio or television studio

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<b>Developed by</b>	Creative Skillset
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<b>Date Approved</b>	March 2019
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<b>Validity</b>	Current
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<b>Originating Organisation</b>	Screen Skills (formerly Creative Skillset)
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<b>Original URN</b>	SKSJ22
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<b>Relevant Occupations</b>	Media and communication; Media Associate Professionals
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<b>Suite</b>	Journalism
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<b>Keywords</b>	radio, television, studio, journalism
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