

# MSA D04 - SQA Unit Code HC28 04

## Prepare fishing gear



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### Overview

This standard covers the competence required to prepare fishing gear.

It includes the assessing of gear damage and implementing effective repairs to support future fishing operations. It also covers shaping, assembly and rigging of fishing gear according to gear specifications.

### Target Group

This standard applies to individuals at the support level with responsibility for repairing fishing gear.

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### Performance criteria

*You must be able to:*

- P1 assess gear for damage and decide on the correct repair
- P2 select materials to prepare gear to meet requirements
- P3 prepare work area and materials in accordance with instructions
- P4 prepare damaged parts correctly for repair
- P5 restore the correct length and strength of damaged framework
- P6 restore the correct shape and configuration of fishing gear
- P7 confirm restored gear is not distorted
- P8 select and assemble sections in accordance with instructions
- P9 securely attach fittings
  
- P10 shape gear parts in accordance with instructions
- P11 join the parts correctly and securely attach fittings
- P12 rig fishing gear in accordance with instructions and the vessel's capabilities, in compliance with legislation
- P13 monitor and adjust fishing gear to maximize performance
- P14 use effective safe working practices

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### Knowledge and understanding

*You need to know and understand:*

- K1 types of gear and rigging arrangements
- K2 gear plans and their use in fishing gear preparation activities
- K3 the working methods and techniques used in gear preparation
- K4 tools, equipment and materials used in fishing gear preparation
- K5 how to repair fishing gear
- K6 the terminology of gear parts, construction, rigging and repair
- K7 the framework and attachments commonly used in fishing gear
- K8 safe working practices
- K9 the legal requirements and industry guidance that control fishing activities
- K10 statutory regulations and guidelines, organisational instructions and guidance and vessel contingency plans
- K11 the materials used in the construction of all fishing gear and associated equipment including their breaking strains

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**Originating organisation** Skills for Justice

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**Relevant occupations** navigation officer; engineer; deck officer; able seaman; fisherman

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**Suite** Maritime

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**Key words** Prepare; fishing gear; gear damage; effective repairs; shaping; assembly; rigging; gear specifications