

Title	Set up, repair and maintain a Baader BA 52 fish skinning machine		
Level	5	Credits	20

Purpose	<p>People credited with this unit standard are, for a Baader BA 52 fish skinning machine, able to: set up; replace the joint heads on the knife drives; set up the cut thickness; repair and maintain mechanical and electrical systems; and complete documentation.</p> <p>This unit standard is designed for people who are, or are intending to be, responsible for the operation of a seafood processing plant aboard a fishing vessel.</p>
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Classification	Seafood > Seafood Vessel Operations
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Available grade	Achieved
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Guidance Information

- 1 Assessment against this unit standard will take place in a real or simulated situation. In either case, there must be a Safe Ship Management Plan, which complies with Maritime Rules Part 21.
- 2 Legislation which applies to this unit standard includes but is not limited to – Fisheries Acts 1983 and 1996, Health and Safety at Work Act 2015, and their associated regulations.
- 3 Definition
Conversion factors are factors applied for the purpose of converting the weight of processed fish to greenweight (the weight of the fish before processing or removal of any part), for the purposes of Quota Management. Conversion factors used will normally be those from the Fisheries (Conversion Factors) Notice 2005.

Outcomes and performance criteria

Outcome 1

Set up a BA 52 fish skinning machine.

Range pressure shoe, knife guides, pressure rollers.

Performance criteria

- 1.1 Set up is in accordance with the factory safety procedures.

1.2 Set up is in accordance with the manufacturer's instructions.

Outcome 2

Replace the joint heads on the knife drives of a BA 52 fish skinning machine.

Performance criteria

2.1 The joint heads on the knife drives are replaced in accordance with the factory safety procedures.

2.2 The joint heads on the knife drives are replaced in accordance with the manufacturer's instructions.

Outcome 3

Set up the cut thickness on a BA 52 fish skinning machine.

Performance criteria

3.1 The cut thickness is set up in accordance with the factory safety procedures.

3.2 The cut thickness is set up in accordance with the manufacturer's instructions.

3.3 The cut thickness is set up in accordance with the required conversion factor.

Outcome 4

Repair and maintain mechanical systems of a BA 52 fish skinning machine.

Range two of – drive chains, sprockets, bushings, bearings, reduction box, infeed belt, outfeed belt.

Performance criteria

4.1 Repairs and maintenance are carried out in accordance with the factory safety procedures.

4.2 Repair by replacement is carried out in accordance with the manufacturer's instructions.

4.3 Mechanical system parts are reconditioned in accordance with manufacturer's specifications.

Outcome 5

Repair and maintain the electrical system of a BA 52 fish skinning machine.

Range magnetic switch, AC electric motor.

Performance criteria

- 5.1 Repairs and maintenance are carried out in accordance with the factory safety procedures.
- 5.2 Electrical diagnostic tests are carried out in accordance with manufacturer's instructions.
- 5.3 Indicators for the proper operation of electrical system components are described in accordance with manufacturer's instructions.
- 5.4 Repair by replacement is carried out in accordance with manufacturer's instructions.

Outcome 6

Complete documentation for a BA 52 fish skinning machine.

Range may include but is not limited to – end of trip reports, machine log books, work lists, stores list, spare parts orders.

Performance criteria

- 6.1 Completed documentation is in accordance with company procedures.
- 6.2 Completed documentation is consistent with the trip, and the current status of the machine and its on board support system.

Planned review date	31 December 2028
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 February 2001	N/A
Revision	2	14 January 2004	N/A
Review	3	18 July 2008	N/A
Rollover and Revision	4	29 February 2024	N/A

Consent and Moderation Requirements (CMR) reference	0123
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Muka Tangata - People, Food and Fibre Workforce Development Council qualifications@mukatangata.nz if you wish to suggest changes to the content of this unit standard.