

# Shipyard Labourer

## ITA Occupational Certificate

November 26<sup>th</sup>, 2013

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*Step into the Trades*

# What is it?

- A credential for Shipyard Labourers issued by the Industry Training Authority (ITA)
- Not a Certificate of Qualification (C of Q) which is issued to apprenticeship programs
- An ITA Occupational Certificate
- Known as the *Shipyard Labourer ITA Occupational Certificate*
- Recognized and issued by the ITA after a challenger meets a prescribed standard through a formal assessment process

# Why? - ITA Occupational Certificate

- Not all jobs align with the traditional apprenticeship model. This credential offers an alternative, based on recognizing current competencies and prior learning.
- Define a known standard and level of competency for Shipyard Labourer and recognize that knowledge and experience through credential.
- Supported by a body of knowledge – a training package can be tailored to those working as Shipyard Labourers.

## OAC

- **Occupational Analysis Chart**
- Summarizes tasks and knowledge requirements
- Define performance measures against a set of standards

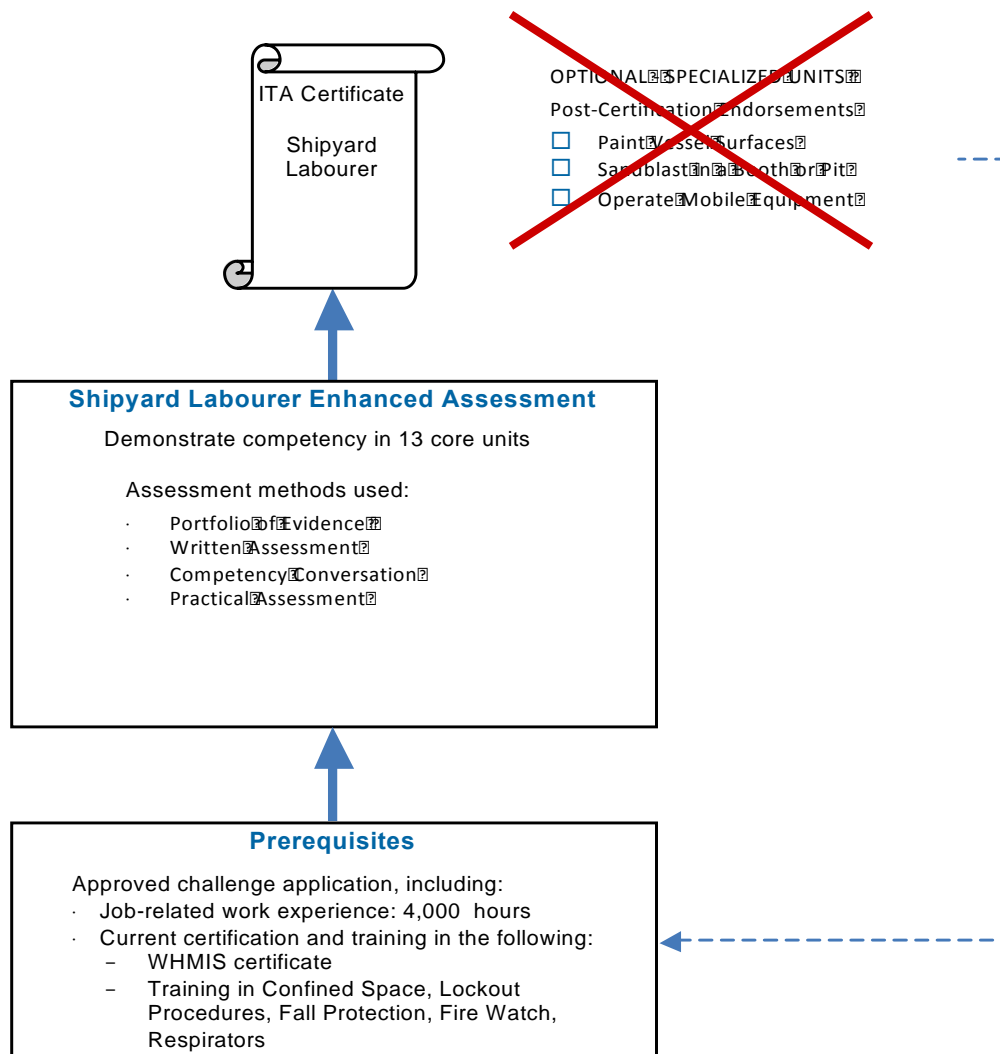
## OPS

- **Occupational Performance Standards**
- Outline the standards of performance expected in the workplace
- Provide a common basis for assessment and certification.

## TOOLS

- **Assessment Tools**
- Instruments for gathering and interpreting evidence

# Credentialing Model



# Occupational Analysis Chart

## SHIPYARD LABOURER

**Occupation Description:** Shipyard labourer provides a variety of services in the marine industry, including safety related work, surface preparation and cleanup, maintenance, assisting other trades and operating mobile equipment.

<b>MARINE INDUSTRY FUNDAMENTALS</b> <b>A</b>	Explain marine industry business fundamentals <b>A1</b>	Demonstrate knowledge of marine industrial terms <b>A2</b>	Maintain professional approach <b>A3</b>	Describe the principles of quality assurance <b>A4</b>	Use communication tools <b>A5</b>	Demonstrate general knowledge of ISO standards <b>A6</b>
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<b>SAFETY</b> <b>B</b>	Read blueprints and drawings <b>A7</b>	Demonstrate awareness of quality standards in the Marine sector? <b>A8</b>	Obtain security clearances as required <b>A9</b>	Demonstrate knowledge of NACE standards <b>A10</b>	Demonstrate knowledge of SSPC standards <b>A11</b>	
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>SAFETY</b> <b>B</b>	Use and maintain Personal Protective Equipment <b>B1</b>	Apply WHMIS regulations (MSDS) <b>B2</b>	Follow lockout procedures <b>B3</b>	Follow confined space procedures <b>B4</b>	Follow asbestos awareness procedures <b>B5</b>	Follow lead abatement procedures <b>B6</b>
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>SAFETY</b> <b>B</b>	Select, use, and maintain respirators (full face, air line, positive pressure, etc.) <b>B7</b>	Use and maintain fall protection equipment and systems <b>B8</b>	Set up and perform fire watch duties <b>B9</b>	Apply Transportation of Dangerous Goods regulations <b>B10</b>	Rigging and lifting techniques <b>B11</b>	Apply man aloft procedures <b>B12</b>
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<b>HAND TOOLS</b> <b>C</b>	Use scrapers <b>C1</b>	Use brooms <b>C2</b>	Use hammers (chipping, sledge) <b>C3</b>	Use brushes (wire, synthetic) <b>C4</b>	Use pry bars <b>C5</b>	Use measuring tools <b>C6</b>
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>POWER TOOLS</b> <b>D</b>	Use chain saws <b>D1</b>	Use grinder (including die-grinders) <b>D2</b>	Use growler <b>D3</b>	Use needle guns <b>D4</b>	Use sanders <b>D5</b>	Use pressure washers 5000 psi or under <b>D6</b>
	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Use pneumatic tools (various)
D7
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

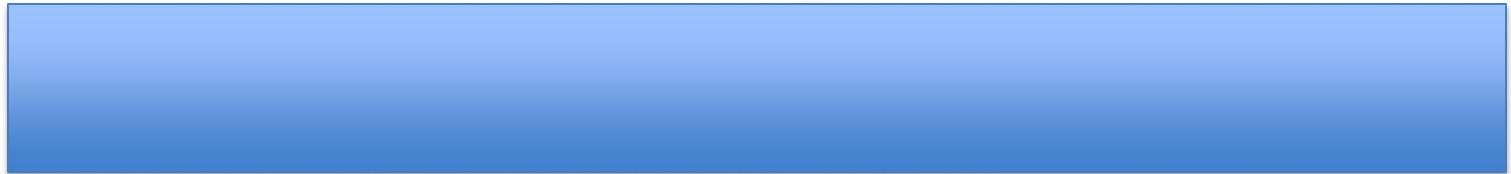
Use electric tools (various)
D8
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Use vacuums (pneumatic, shop)
D9
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Use power brooms
D10
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Use steam cleaners
D11
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Use hot boxes
D12
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



## MATERIALS

Select appropriate paint removal products and procedures
E1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Select appropriate blast materials
E2
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Select appropriate degreasers
E3
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Select appropriate cleaners
E4
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



## SURFACE PREPARATION

Select tools/materials for surface removal
G1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Remove surface coatings
G2
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Prepare profile
G3
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Pressure wash
G4
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

## TRADE ASSIST

Perform hole watch duties
H1
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Perform fire watch duties
H2
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Prepare surface for repair or modification
H3
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Handle materials
H4
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Provide general support for trades
H5
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Assist job site setup for trades
H6
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

# ENVIRONMENTAL MANAGEMENT

Assist in docking and undocking vessels				
H7				

Set up ventilation				
H8				
SPECIALIZED				

Demonstrate awareness of environmental protection practices				
I1				

Execute spill prevention measures				
I2				

Execute spill response				
I3				

Cleanup and dispose of environmental waste				
I4				

Operate solvent stills				
I5				
SPECIALIZED				

Operate trash compactors (can crushers)				
I6				
SPECIALIZED				

Operate aerosol penetrating tool				
I7				
SPECIALIZED				

# WORK AREA CLEANUP

Perform general housekeeping duties				
J1				

Manage cables (welding cables, air lines, extension cords, hoses, etc.)				
J2				

Segregate waste				
J3				

Operate cleanup equipment (power brooms, material handling equipment, waste handling)				
J4				

Perform dock bottom cleanup procedures				
J5				
SPECIALIZED				



# Occupational Performance Specification - Units

Unit #	Unit Titles
1	Demonstrate Knowledge of the Marine Industry
2	Apply Safe Work Practices
3	Apply Spill Prevention and Cleanup Procedures
4	Use and Maintain Tools and Equipment
5	Clean Yard
6	Deliver Materials
7	Steam Clean or Pressure Wash in a Designated Area
8	Assist in Docking and Undocking Vessels
9	Setup for Specified Work
10	Setup a Confined Space
11	Prepare Vessel Surfaces
12	Perform Fire Watch Duties
13	Perform Confined Space Sentry (Hole Watch) Duties

# Assessment Methods

## Portfolio Review

- Desktop analysis of the portfolio of evidence
- Verification of evidence
- Identification of gaps in evidence

## Written Assessment

- Questions to test underpinning knowledge

## Technical Interview

- Structured Interview to confirm skills, knowledge and attributes

## Practical Assessment

- Direct observation of performance on the job or in simulated work environment

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## Assessment Tools

Portfolio of evidence	A collection of direct, indirect, or third party evidence (such as documents or product samples) submitted by the candidate for review. The evidence helps an assessor make an informed judgment about competence.
Written knowledge assessment	The written knowledge assessment is presented in question format and tests the underpinning knowledge required to effectively perform the work, as described in the unit.
Technical conversation	The technical conversation identifies, through conversation and interview, the underpinning knowledge required to effectively perform the work, as described in the unit. It provides the assessor with an opportunity to explore a range of issues and tailor questions to suit the individual.
Practical assessment	The practical assessment methods identify, through direct observation of the candidate, the skills, knowledge and attributes required to effectively perform the work, as described in the unit. This may occur in a structured or simulated work activity.

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# Shipyard Labourer Credential Assessment Pilot

- Conducted a pilot assessment to validate the OPS, the credentialing model, assessment tools and the assessment process
- Pilot funded by the ITA – 3 registered assessors
- Pilot conducted with 50 challengers who had at least 4000 hours of experience and possessed a current WHMIS Certificate
- Challengers came from large, medium and small employers
- 48 challengers successful – awarded Occupational Certificate

# QUESTIONS?

