

**SKILLS FRAMEWORK FOR MARINE AND OFFSHORE
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT**

| | | | | | | |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| TSC Category | Workplace Safety and Health | | | | | |
| TSC | Workplace Safety and Health for Welding | | | | | |
| TSC Description | Carry out welding operations on ships, rigs and conversions according to workplace safety and health legislative requirements | | | | | |
| TSC Proficiency Description | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 |
| | MAR-WSH-1012-1.1 | | | | | |
| | Follow workplace safety and health (WSH) procedures during welding operations | | | | | |
| Knowledge | <ul style="list-style-type: none"> • WSH legislations applicable to welding • Types of hazards, unsafe work conditions and practices and control measures related to welding • Types of work area locations relevant to welding • Types of workplace emergencies and workplace emergency handling procedures and policies • Types of welding equipment and tools • Types of personal protective equipment (PPE) and their proper usage • Pre-operational WSH checks on welding equipment and tools | | | | | |
| Abilities | <ul style="list-style-type: none"> • Carry out welding operations at assigned work areas • Identify hazards related to welding work • Use PPE during welding operations • Conduct pre-operational safety checks on work | | | | | |

| | | | | | | |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| | <p>areas and take appropriate safety actions</p> <ul style="list-style-type: none">• Follow organisational procedures and WSH requirements to report WSH issues during welding operations• Recognise scenarios requiring work stoppages and reporting of abnormalities and/or problems | | | | | |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|