

# NORSOK Standards

developed for the oil and gas industry

M-001 Materials selection  
M-004 Piping and equipment insulation  
M-101 Structural steel fabrication  
M-102 Structural aluminium fabrication  
M-120 Material data sheets for structural steel  
M-121 Aluminium structural material  
M-122 Cast structural steel  
M-123 Forged structural steel  
M-501 Surface preparation and protective coating  
M-503 Cathodic protection  
M-506 CO2 corrosion rate calculation model  
M-601 Welding and inspection of piping  
M-630 Material data sheets and element data sheets for piping

N-001 Integrity of offshore structures  
N-003 Actions and action effects  
N-004 Design of offshore structures  
N-005 In-service integrity management of structures and marine systems  
N-006 Assessment of structural integrity for existing offshore load-bearing structures

P-002 Process system design  
R-001 Mechanical equipment  
R-002 Lifting equipment  
R-003 Safe use of lifting equipment  
I-001 Field instrumentation  
I-002 Safety and automation system (SAS)  
L-001 Piping and valves  
L-002 Piping system layout, design and structural analysis  
L-003 Piping details  
L-004 Piping fabrication, installation, flushing and testing  
L-005 Compact flanged connections  
H-002 Sanitary systems  
H-003 Heating, ventilation and air conditioning (HVAC)

S-001 Technical safety  
S-002 Working environment  
S-003 Environmental care  
T-101 Telecom systems  
T-003 Telecom systems for mobile offshore units  
E-001 Electrical systems  
C-001 Living quarters area  
C-002 Architectural components and equipment  
C-004 Helicopter decks on offshore installations

M-650 Qualification of manufacturers of special materials  
M-710 Qualification of non-metallic sealing materials and manufacturers  
R-005 Safe use of lifting and transport equipment in onshore petroleum plants

U-001 Subsea production systems  
U-009 Life extension for subsea systems  
U-100 Manned underwater operations  
U-101 Diving respiratory equipment  
U-102 Remotely operated vehicle (ROV) services  
U-103 Petroleum related manned underwater operations inshore

Y-002 Life extension for transportation systems

I-106 Fiscal metering systems for hydrocarbon liquid and gas

D-001 Drilling facilities  
D-002 Well intervention equipment  
D-007 Well testing systems  
D-010 Well integrity in drilling and well operations

Z-001 Documentation for operation (DFO)  
Z-CR-002 Component identification system  
Z-DP-002 Coding system  
Z-003 Technical information flow requirements  
Z-004 CAD symbol libraries  
Z-005 2D-CAD drawing standard  
Z-006 Preservation  
Z-007 Mechanical completion and commissioning  
Z-008 Risk based maintenance and consequence classification  
Z-013 Risk and emergency preparedness assessment  
Z-015 Temporary equipment  
Z-018 Supplier's documentation of equipment  
Z-020 Model requirement for 3D solutions