

Endringer i NORSOK og ISO

Konstruksjondagen 2025

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NORSOK Standardene

- Utvikles av norsk petroleumsnæring
- Fasiliteres av Standard Norge
- Sikrer
 - Sikkerhet
 - Verdiskaping
 - Kostnadseffektivitet
- Ment å erstatte oljeselskapets spesifikasjoner
- Fungerer som referanser i myndighetenes regelverk



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

P-002 Process system design
R-001 Mechanical equipment
R-002 Lifting equipment
R-003 Safe use of lifting equipment
I-001 Field instrumentation

S-001 Technical safety
S-002 Working environment
S-003 Environmental care
T-101 Telecom systems
T-002 Telecom systems for mobile offshore units

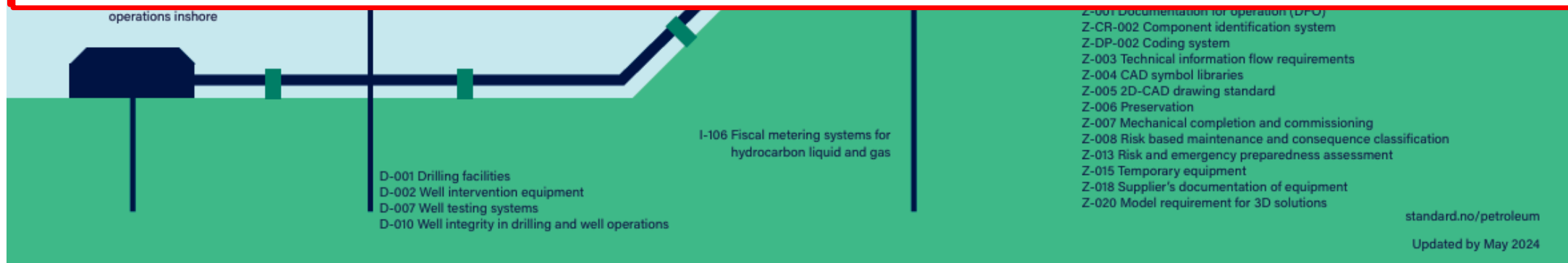
N-001 Integrity of offshore structures: 2020

N-003 Action and action effects: 2017

N-004 Design of offshore structures: 2022

N-005 In-service integrity management of structures and marine systems: 2017 -> **2026**

~~N-006 Assessment of structural integrity for existing offshore load-bearing structures: 2015~~



NORSOK N-standardene

- N-001 Integrity of offshore structures: 2020
- N-003 Action and action effects: 2017
- N-004 Design of offshore structures: 2022
- N-005 Integrity management of structures and marine systems: 2026

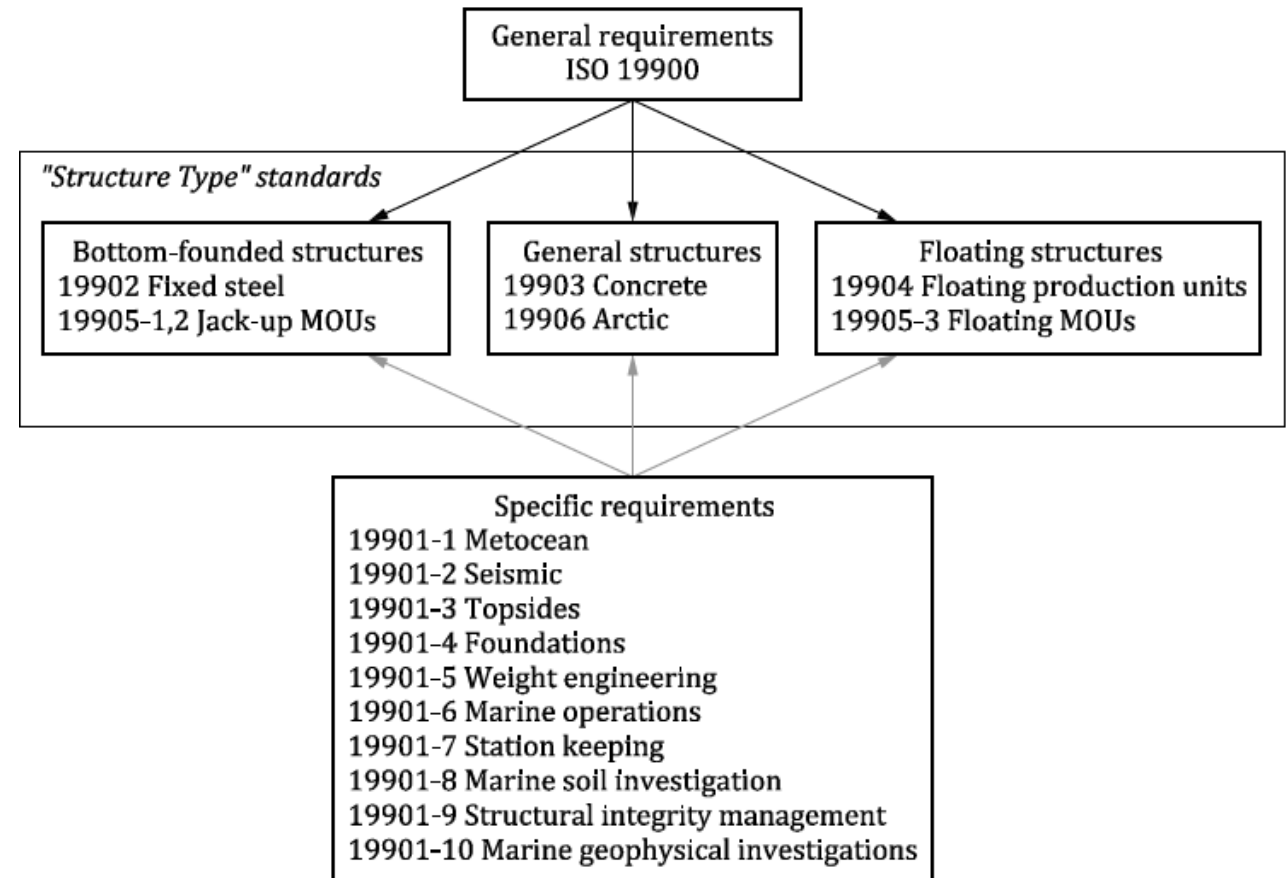
NORSOK N- vs ISO19900-serien

Offshore structures – NORSOK EG-N



Offshore structures – ISO/TC 67/SC 7

- N-001 Integrity of offshore structures
- N-003 Action and action effects
- N-004 Design of offshore structures
- N-005 Integrity management of structures and marine systems



EG-N komiteen



Representert i komiteen

- Aibel AS
- Aker BP ASA
- Aker Solutions ASA
- ConocoPhillips NORGE
- DNV AS
- Dr Techn Olav Olsen AS
- Equinor ASA
- Norges Teknisk-Naturvitenskapelige Universitet NTNU
- Vår Energi ASA
- Havindustritilsynet

Arbeidsprogram 24/25

- Revisjon av N-005 og N-006
- Speilkomite til ISO TC 67/SC 7
 - Revisjon av ISO 19900
 - Revisjon av ISO 19903
 - Delta/påvirke en rekke standarder:
 - ISO 19901-1 Metocean
 - ISO 19901-7 Station keeping
 - ISO 19901-9 Structural Integrity Mgmt
 - ISO 19902 Fixed steel structures
- Koordinering/kontakt: API, IOGP, CEN, IEC
- Samarbeid med andre EG-grupper

- Økt fokus fra industrien - standardisering = kostbesparelse
- Eksisterende konstruksjoner
 - Integritetstyring
 - Barrierestyring
 - Probabilistiske metoder
- Digitalisering
- Integrering av offshore vind
- Bærekraft

Tenk deg en verden uten ...





Standard
Norge



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