

## Summary of SW Comments in Norsok D010 Rev 4, released in Dec 2012

Category of Comment	
Code	Description
White	not categorized
Green	used as is or with minor changes
Yellow	used with changes / need more work
Red	principal issues - affects other chapters
Black	Binned / discarded

#	Section in Rev3 Norsok D010	Section Title	Chapter no & Title	Stuart Wright suggestions for Improvements	Category	Editor's Comment
1	3	Terms, Definition and Abbreviation	New	State MOASP and MAASP derivations and assumptions	Not Categorized	MAASP is in the abbreviation list MOASP will be added if it is being used elsewhere in the standard <b>Ch8 (Production)</b> to answer
2	4	General Principles	New	Gives guidelines for Risk Assessment and Investigation of WI anomalies	Used as is or with minor changes	Have added some wording to this effect and given a list of focus areas
3	4	General Principles	New	Operators have a WI Anomaly Process. This should include guidelines on methodology, establishment of facts on well construction and production and leads to identification of major hazards as a result of the WI anomaly.	Used with changes / need more work	A small chapter is written on Well integrity management, this does however only limit itself to a brief description of what a system should contain
4	4	General Principles	New	Operators have a Minimum acceptance criteria for Well Handover. This should include well as-built condition, identification of any dispensations, any downgraded mechanical tubular rating, history of problems during well construction, accurate depiction of all primary and secondary barriers in the well, including each annuli	Used with changes / need more work	A small chapter is written on Well integrity management, this does however only limit itself to a brief description of what a system should contain
5	4	General Principles	New	Operator must have a Well Integrity Management System (WIMS) and provide minimum acceptable guidelines for a WIMS. Example RACI chart for organisational responsibility	Used with changes / need more work	A small chapter is written on Well integrity management, this does however only limit itself to a brief description of what a system should contain
6	4	General Principles	New	State minimum criteria for Competency Training of all Key Personnel involved in Well Integrity Management, including production, drilling, completions and well intervention - onshore and field based staff	Used as is or with minor changes	A new proposed wording has been prepared (on relatively high level).
7	4	General Principles	New	Operators should have all Well Construction and Well Condition Data in production in such a way that it is accurate and easily retrievable for rapid WI anomaly investigation	Used with changes / need more work	A small chapter is written on Well integrity management, this does however only limit itself to a brief description of what a system should contain
8	5	Drilling Activities	New	Operators have a minimum acceptance criteria for Isolation of Annulus Permeable Zones, required to prevent onset of SCP due to barite drop out	Used with changes / need more work	Unclear what the suggestion is. Follow up by mail
9	8	Production	New	Operators shall have an Annulus Pressure monitoring and bleed record system	Used as is or with minor changes	See section 8.7.3
10	8	Production	New	Operators shall demonstrate how annulus pressure will be monitored in all annuli in all subsea wells	Used with changes / need more work	Have not included requirement for monitoring all annuli on subsea wells. Included are design requirements if not accessible