

TECHCROSS BWMS P&ID; Validation Report

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Project Information

Ship Name	TEST VESSEL
Drawing No.	TEST-001
Product Type	ECS
Ship Type	-
Class Society	-

Applied Filters

Product Type	ECS
Ship Type	-
Class Society	-
Project Type	-

Validation Summary

Item	Count	Ratio
Total Rules	58	-
Checked	26	-
Passed	10	38.5%
Violations	16	61.5%
Skipped	35	-

Pass Rate: 38.5%

Passed Items (10)

No	Rule ID	Equipment	Match Type
1	ECS-BP-001	Check Valve	alias
2	ECS-BP-002	Manual Valve	alias
3	ECS-ECU-001	Signal Valve	alias
4	ECS-PRU-001	Valve	alias
5	ECS-PRU-003	FT	or_exists

6	ECS-DTS-001	DTS	optional
7	ECS-EXDTS-001	Sampling Valve	alias
8	ECS-EXDTS-002	IS-Barrier	conditional_skip
9	ECS-MIX-004	PCU	direct
10	ECS-MIX-005	VCU	not_exists_pass

Violations (16)

No	Rule ID	Equipment	Severity	Suggestion
1	COM-RETRO-002	BWMS Inlet	warning	BWMS Inlet/Outlet ████ █████
2	COM-RETRO-002	BWMS Outlet	warning	BWMS Inlet/Outlet ████ █████
3	COM-BULK-001	T.S.TK	warning	T.S.TK ████ █████
4	COM-BULK-002	Slop TK	warning	██████ █████
5	COM-BULK-002	Grey water TK	warning	██████ █████
6	COM-BARGE-001	Stripping Pump	warning	Stripping Pump ███ ███ █████
7	COM-BARGE-002	Overflow Line	warning	W.B.TK Overflow Line█ █████
8	COM-LNG-001	BWMS Inlet	warning	BWMS ███ █████
9	COM-LNG-001	BWMS Outlet	warning	BWMS ███ █████
10	ECS-TS-001	T-STRAINER	warning	█████ T-STRAINER ███ ███ █████
11	ECS-ANU-003	Flushing Line	warning	ANU█ Flushing Line█ █████
12	ECS-DTS-002	Flushing Line	warning	DTS█ Flushing Line█ █████
13	ECS-VLS-001	VLS	error	Ex-ECS Common Line █ █ VLS█ █████
14	ECS-MIX-008	PI	warning	Submersible Mixing Pump █ █ PI█ █████
15	ECS-CLASS-ABS-002	H2 Sensor	error	H2 Sensor█ Valve Signal List█ █████
16	ECS-CLASS-DNV-001	DTU	error	████ DTS█ DTU█ █████

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