Pre-startup safety review (PSSR) checklist

Yellow cells are for you to fill in. Free template from Deskely · deskely.com/resources/pre-startup-safety-review

Facility or unit	System / scope	PSSR date

PSSR team leader	MOC or project re	Planned start-up

Progress

Yes: 0 No: 0 N/A: 0 of 18 checks

No.	Check	Confirmed	Evidence	By	Date
CONSTRUCTION					
1	Built to the latest P&IDs and design specifications				
2	Mechanical completion certified; category A punch closed				
3	Pressure tests and NDT complete				
SAFETY SYSTEMS					
4	Relief valves installed, set, tagged and locked correctly				
5	Safety instrumented functions tested				
6	Fire and gas detection and firefighting systems in service				
PROCESS SAFETY INFORMATION					
7	P&IDs, datasheets, relief design basis and safe operating limits updated to as-built				
HAZARD REVIEWS					
8	PHA or HAZOP recommendations closed, or formally deferred with justification				
MANAGEMENT OF CHANGE					
9	All MOCs for the scope implemented and closed				
10	Temporary changes removed				
PROCEDURES					
11	Operating and start-up procedures issued and approved				
12	Emergency and maintenance procedures issued and approved				
TRAINING					
13	Operators trained on the new or changed process				
14	Maintenance staff trained				
EMERGENCY READINESS					
15	Emergency response plan updated				
16	Escape routes clear; safety showers, eyewash and PPE in place				
HOUSEKEEPING AND ISOLATION					
17	Temporary equipment, blinds and scaffolding removed				
18	Isolations and permits closed or transferred				

Sign-off	Name	Signature	Date
PSSR team leader			
Operations			
Process safety			

PSSR findings

Before start-up: must be closed before start-up. After start-up: may be closed later, with an owner and a date.

No.	Finding	Category	Owner	Due	Status	Closed
1						
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