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Anychem Co. – Anytow	n Facility Administrative Procedure		
Process Safety Management (PSM) Procedure Pre-startup Safety Review (PSSR)			
PSSR Policy	A pre-startup safety review will be performed before the startup of a new or significantly modified facility is authorized. How to determine when a PSSR is required follows:		
	• A pre-startup safety review IS required if the modifications to a facility are significant enough to require a change in the process safety information.		
	• A pre-startup safety review IS NOT required for facilities that have been modified so slightly that process safety information does not change.		
MOC Connection	However, for all modified facilities, management of change (MOC) requirements must be satisfied before startup.		
New Facilities	For new facilities, a process hazard analysis must be performed before startup. The process hazard analysis recommendations must be resolved or implemented prior to startup.		
Form Selection	A pre-startup safety review short form or long form will be signed to indicate completion of the review and resolution of any issues in accordance with Anychem Co. policy.		
PSSR Team Description in accordance with Anychem Co. Policy	The PSSR team will be formed as a part of new facility construction or when any change modifies the process safety information for a process. The team will have at least one member besides the PSSR team leader. The MOC coordinator for the modification or new facility will serve as (or designate) the PSSR team leader. This person is normally a process engineer.		
	When using the PSSR long form, the PSSR team will normally consist of a facility engineer, an area superintendent, and operations personnel with appropriate knowledge and skills. A mechanical representative and safety representative may also be included on the team.		
	The PSSR team leader should ensure the personnel and expertise is available for the team to review new facilities and major modifications thoroughly as an Anychem Co. best practice.		
Release of Final Authority in accordance with Anychem Co. Policy	If a PSSR is NOT required, the area manger's approval signature on the MOC form is final authority that all requirements from previous sections of the MOC form are completed to his or her satisfaction and startup may occur.		
	If a PSSR IS required, the area manager's signature on the MOC form is STILL final authority that all management of change requirements are met and startup may occur. Since the MOC process indicates a PSSR is required due to changes in the process safety information, we enforce a check on that final authority.		
	The PSSR team's review and signatures are a mechanism to release the area manager's final authority after the PSSR team has double-checked specific requirements and, in the case of physical changes, obtained field verification the work was done.		

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Process Safety Management (PSM) Procedure			
	Pre-startup Safety Review	(FSSR)	
PSSR Form Usage in accordance with Anychem Co. Policy		aluate the extent of the modification which of the PSSR forms to use.	
	modifications where a PS in process safety informat form is if a MOC for the m	form is to be used for simple SR is required due to minor changes ion. A guideline for when to use this iodification's hazard review was able sing a process hazard analysis.	
	major process modificatio specific target areas for th and define the expected s PSSR team may modify a	form is to be used for new units or ns. The PSSR team will establish he new facility or modification project tate of readiness for each target. The ind customize the form or develop s specific to the process under	
	confirm that the following require	he short form, the PSSR team will rements have been met before highly y sources are introduced into the new	
	Construction and equips specifications.	ment meet the designed	
	construction and equipment sh verification and performing doc process. If a change is not physically a structure of the struc	Co. policy, design specifications for all be validated by obtaining field sument review for the new or modified sical (such as a set point for an d for the change and its anticipated	
	Safety, operating, maint procedures are in place		
	will indicate any operating, mai that were developed or revised package and referenced docum	Co. policy, entries in the MOC form ntenance or emergency procedures I for a modification. The MOC nents must be reviewed. Existing site icked to ensure they exist and are	
	• A PHA has been perform	ned for new facilities.	
	referenced documents indicate accordance with PSM-ADM-04 been performed for the modific must verify that all of the PHA r	Co. policy, the MOC packages and when a process hazard analysis (in - <i>Process Hazard Analysis</i>) has ation or new facility. The PSSR team recommendations required before d or resolved before the facility can	

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	 Training of each employee involved in the operating process is complete. 		
	In accordance with Anychem Co. policy, a completed MOC form indicates when training of each employee involved in the startup of a new or modified process is complete. Training of employees not directly involved with startup is described in PSM-ADM-06 - <i>PSM</i> <i>Training Program</i> . When the MOC is signed, the PSSR team may consider training complete for introduction of highly hazardous chemicals or energy into the new facility or modification.		
Change Management	In accordance with Anychem Co. policy, an overall review of the MOC package must be performed for modified facilities to ensure all:		
	 priority 1 – (required before startup), and 		
	 priority 2 – (allowed after startup) 		
	update items (including material safety data sheets) have been addressed and that priority 1 items are complete.		
Conduct the PSSR	In accordance with Anychem Co. policy, the PSSR team leader will		
	Schedule and conduct PSSR team meetings and field inspections as required by the complexity of the change		
	Verify that all applicable sections of the selected PSSR form have been considered		
	 Identify issues which MUST be corrected BEFORE startup an issues which WILL be corrected AFTER startup. 		
	In accordance with Anychem Co. policy, decisions for categorizing the issues for PSM compliance should be based upon the following		
	BEFORE - A deficiency that could cause, or result in, actual or potential release of hazardous chemicals to environment. The process cannot be safely started or operated until the issue is corrected.		
	 A priority 1 requirement from the MOC package is not satisfied. 		
	- An apparent unsafe condition exists		
	AFTER - An issue that does not impact safe startup or operation but, if corrected, enhances process safety.		
	 A priority 2 requirement from the MOC package is not satisfied. 		
	 Process safety information needs to be permanently updated (for example, piping and instrumentation diagrams are marked up and logged for change but not necessarily reissued). 		
Progress Audits	In accordance with Anychem Co. policy, for extensive modification or construction, periodic PSSR audits will be conducted to measure of the progress in each target area to achieve the expected state of readiness goals.		

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Process Safety Management (PSM) Procedure Pre-startup Safety Review (PSSR)				
The PSSR team will establish a timetable to ensure th audit schedule is completed and that recommendation published to effect corrective action.The PSSR long form may be used as a guide to perfor periodic audits and track the completion of the criticalCompleting the 		hat recommendations are on. d as a guide to perform the oletion of the critical items. policy, the PSSR team will acility just before startup to confirm been met before highly ed. ill review and sign the PSSR form		
PSSR Short Form	box. In accordance with Anychem Co.	ems that do not apply to the not applicable in the responsibility policy, on the PSSR short form, a		
Issues & Recommendations	date in the <i>date resolved</i> box and initials in the <i>initials</i> box indicates that an item is satisfactory or that the issue has been corrected or resolved or a recommendation is closed.			
PSSR Long Form Issues & Recommendations	In accordance with Anychem Co. policy, a date in the <i>completion date</i> box and initials in the Initials box adjacent to an item on the PSSR long form indicates that an item is satisfactory or that the issue has been corrected or resolved. A follow-up inspection will be performed if required. The first page has a space for special recommendations and, as with the short form, a date in the <i>date resolved</i> box and initials in the <i>initials</i> box indicates that an item is satisfactory or that the issue has been corrected or resolved or a recommendation is closed.			
Closure In Accordance with Anychem Co. Policy	The responsible PSSR team leader recommendations and issues hav	er will verify that all e been satisfactorily resolved.		
	The completed PSSR form will be and maintained as a part of a MO			
END				