



Spray Ball Coverage Test Qualification

REPORT No.		DATE	
CLIENT		INSPECTION AGENCY	
ITEM	WFI Storage and Distribution Tank	JOB No.	
DRG. No.		TAG No.	

REFERENCE:

- SOP FOR SPRAY BALL COVERAGE TEST :
- ASME BPE 2014

ACCEPTANCE CRITERIA:

- THE INTERIOR SURFACE WITHIN THE PROCESS BOUNDARY OF THE VESSEL MUST SHOW NO EVIDENCE OF RESIDUAL RIBOFLAVIN AFTER THE CLEANING CYCLE.

OBSERVATION:

S.No.	ACTIVITY	TIME	REMARKS
01 (INITIAL FLUSH)			
A.	The vessel/equipment should be flushed thoroughly using Purified Water to remove any contamination, loose particles, corrosion products and any volatile corrosion inhibitors present.		
02 (SPRAYING OF RIBOFLAVIN)			
A.	Prepare a solution of dilute riboflavin 0.2 gm/L in Spray bottle. Lifting devices shall be used to lift the top dish to enable inspection of the dip pipes and other product contact surfaces in assembled condition. Spray the product contact surfaces of the vessel/equipment item with the riboflavin solution being sure to coat all exposed areas especially those that may be 'masked' by vessel appurtenances. Wipe out the solution outside the process boundary.		
03 (RINSING)			
A.	After spraying riboflavin initiate a rinsing cycle by Connecting Purified water & Pump as per Flow & pressure requirement of Spray Ball, Flush the Tank with Purified water as per Flow & Pressure requirement from 30 seconds upto 15 minutes depending on the Spray pattern & the geometry of the equipment. The rinse to be performed before riboflavin gets dried.		



PHARMA DEVILS

QUALITY ASSURANCE DEPARTMENT

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04 (INSPECTION)

A.	After the completion of the cleaning cycle, inspect the vessel contact surfaces using an ultraviolet light at a distance of approximately 38 cm.		
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SPECIFICATIONS:

Spray Ball Make & Model	:	
Riboflavin Batch No & Expiry details	:	
UV Lamp Intensity	:	
Flow Observed	:	

REMARKS:-

RESULTS :-

ACCEPTABLE

NOT ACCEPTABLE

REPORT APPROVAL:

	NAME	DESIGNATION & COMPANY	SIGNATURE & DATE
CHECKED BY			
APPROVED BY			