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CHECK LIST FOR:	Form No:
<u>Installation OF Clean Agent System</u>	
SUBCONTRACTOR <input checked="checked" type="checkbox"/>	CONTRACTOR <input type="checkbox"/>
	Rev. No: 0
	Page : 1 of 2

SECTION OF WORK: Mechanical	LOCATION:
LEVEL:	WIR No.:

STAGE	ITEM	Checked by		Checked by	Date
		S/C	CONT	Cons.	

SETTING OUT	Check Layout.				
	Check Level.				
	Check materials are as per approved material submittal.				
	Check approved drawings have been used for installation.				
MEP/CIVIL	Ensure civil clearance is available prior to start of fire suppression system installation activities				
Installation of pipe works	1. Check that distribution pipe work is installed as per approved drawing				
	2. Check the pipes of the Inergen system are clean inside and outside and ensure they are free from oil/grease and dust particles.				
	3. Make sure that the location of the pipes supports and pipe routes on the trench/building wall/roof/floor are as per drawings.				
Installation of the supports	4. Ensure the supports are fixed in position and secured by checking the tightness of bolts.				
Installation of the nozzles	5. Confirm that the Inergen nozzles and orifice sizes are fitted as per node diagram.				
Installation of the Cylinders	6. Check the cylinders are securely installed in the cylinder room.				
Installation of the Manifold	7. Check the manifold piping is securely supported.				
Installation of the valves	8. Confirm check valves are installed in the right direction of flow.				
Installation of the Vent plugs.	9. Check installation of vent plugs.				
Installation of the discharge hoses	10. Check connection of discharge hoses. Confirm they are tightly fitted.				
Electrical connections	11. Check dry fitting of electric actuators and their electrical connections.				
	12. Ensure that the permanent power supply provision is provided for the extinguishant control panel.				

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	13. Ensure that wiring from the panel to the corresponding devices is carried out as per the drawings.				
	14. Check installation of junction boxes, ensure cables are properly terminated and identified correctly.				
Integration	15. Check that the smoke fire motorized damper for relevant rooms (supply and return) are integrated with the clean agent system panel.				
Installation of the Pressure switches	16. . Check installation of pressure switch				
Installation of the Cylinder Rank	17. Check that the Cylinder rack is mounted rigidly on the floor.				
	18. Ensure that Tie-in joint of the cylinder bank piping and distribution piping is without stress				
	19. Check proper earthing is provided for cylinder rack.				
Identification	20. Check equipment labels, tags, flow direction, operating instructions, warning signs and name plates are fixed according to drawings.				
Painting	21. Check quality of painting on pipe works and cylinders.				
Installation of the Fire alarm devices	22. Install the fire alarm devices like, control panel, detectors, bell, flasher, remote indicators, abort switch as per the approved construction drawings.				
Room Checking for the testing	23. Ensure that the room integrity testing is completed for the protected room.				

For S/C QA/QC:	Date:	FOR CONTRACTOR QA/QC:	Date:	For Consultant Rep.:	Date:
Name:	Sign:	Name:	Sign:	Name:	Sign: