

## NAFFCO FIRE RATED DUCTWORK SYSTEM

### Fire Rated Ductwork Installation Inspection Report

**Project Name** : G+4P+19 Floors + Roof  
**Project Number** : FRD-10015      **Order No** : DD/GID-10875-2023  
**Client/Customer** : Raneen  
**Main Contractor** :  
**MEP Contractor** : Raneen  
**Drawing No** : N/A      **Inspection No.** : 2  
**Installation Completion** : No      **Model Number** : NFRD 1000 VS (E2)  
**FRD location** : Level - 01      **Date** : 16 Feb 2024

SLNO	CHECK LIST	YES/NO	COMMENT	ACTION REQUIRED
1	Has the NAFFCO supplied gasket been used between Duct flanges properly?	Yes		
2	Has the G-Clamp been fixed on joints at specified distance?	No	G Clamps found installed at the pitch which is less than prescribed.	Need to install the missing G Clamps at the pitch of 200mm.
3	Are the hanger rod & bearer support complying with NAFFCO Hanger-Support Table	No	Inside corridor at level - 02 hanger rods of size M8 found installed which is not acceptable.	Need to replace all hanger rods with M10.
4	Are the support distance as per the Hanger-Support given in Installation Instruction?	No	Support distance found to be more than specified.	Need to adjust the gap between supports as per provided NAFFCO INSTALLATION INSTRUCTION
5	Are drop rods within 50mm of duct side surface?	Yes		

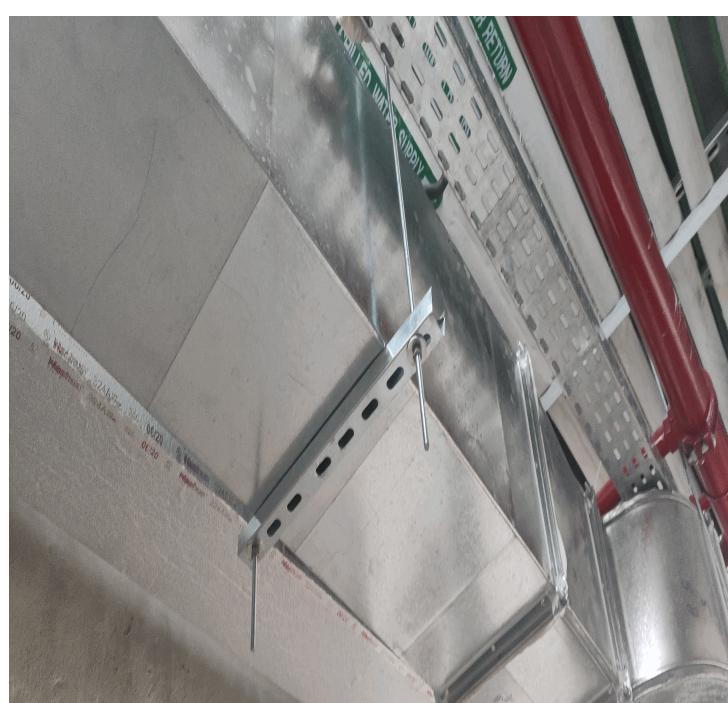
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SLNO	CHECK LIST	YES/NO	COMMENT	ACTION REQUIRED
6	Are the NAFFCO Fire Rated Duckwork independent of the other service? Vice Versa?	Yes		
7	Has correct fixing, accessories & slabs been used with suitable rating as of fire rate ductwork?	Yes		
8	Balancing Dampers approved for fire rated system?	Yes		
9	Has the duct been checked for any damage for the full job and any required remedial work completed?	Yes		
10	Are fasteners on flange corners properly fitted and fully tightened?	Yes		
11	Is the duct installed as per shop floor drawing?(Minor adjustment on site are not included)	Yes		
12	Has the NAFFCO identification label pasted on ducts?	Yes		
13	Is the Installer aware about the required fire stopping at wall or floor penetrations?(Contact NAFFCO for Advice).	Yes		

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**NO IMAGE  
AVAILABLE**

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### OBSERVATION

1. Installed NAFFCO Fire Duct inside Vertical RISERS and typical floors has been inspected as per provided NAFFCO INSTALLATION INSTRUCTION/project check sheet.

Corrective action and observations are mentioned above to be rectified and re inspection required.

Notes: Installer Is Advised to contact NAFFCO for penetration seal method.

(\* In additional of above checkpoint, it always advised to refer the NAFFCO installation instruction)

### CORRECTIVE ACTION COMPLETED AND SIGNED OFF

NAFFCO SITE INSPECTOR		CLIENT/CONTRACTOR REPRESENTATIVE	
Inspector Name	Bilal Hussain	Client Representative	Mahmood
Position	QC ENGINEER	Position	Mechanical Engineer
Mob	0529861106	Mob	0585859383
Date & Sign	16 Feb 2024	Date & Sign	16 Feb 2024
COC to be issued			NO

Inspector Sign

Customer Sign

