

Head Office

72 Business Park, 8th floor Marol Industrial Area, Opposite Seepz Gate No. 2, MIDC Cross Road "C", Andheri - (East) Mumbai - 400 093. www. bureauveritas.co.in



INSPECTION / AUDIT REPORT/MGPUNE/FALCON/BVP/QAQC/CIVIL/IR-03	REV.NO. 0					
Initial Interim Final Resident.						
Inspection/ Audit Requested By : Malpani Group						
Inspection / Audit performed as Recognised Authority : Rohan A Patil Yes NO:						
3V Job / Zig No : 21641199						

Project Name : M FALCON (RAMANUJAM)	IPO (<i>if applicable</i>):N/A
Audit by : Bureau Veritas (India)Pvt Ltd, Pune	PO no. WO/BK/2024/141 Dt. 31.01.2024
	PO No. N/A
Vendor/Manufacturer : Malpani Group	(Client to Vendor)
Architect : MERAKI DESIGN	Contractor : S J Contracts Pvt. Ltd.
Sub Vendor : NA	Vertical : Civil
Inspection Location : M Falcon (Ramanujam), Baner, Pune	Previous Inspection: 1 st July 2024
Inspection Performed from : 24 st Sept 2024.	Next Inspection : As per Clients requirement



Site Inspection/ Audit Report

Building and Infrastructure Division

A. INSPECTION & FINDINGS

Sr. No.	LOCATION	AUDIT FINDINGS / OBSERVATIONS	TYPE OF FINDINGS	IMAGE/ EVIDENCE	Status
1	M Falcon Site	Construction status of Tower	Info	Building : 2 Basement + Ground + Mezzanine + 5 Parkings + 17 Floors	Info
2	Site Office	Project quality plan with QAP & ITP was available at Site Office	Positive		Site Inspection



3	Site Office	Randomly Checked the MIR for different works are maintained properly. MIR of AAC block dimension checked at site as per ITP requirement to be evident in the report.	Information	<image/> <image/> <image/> <image/> <image/> <text><text><section-header><text><text><text><text></text></text></text></text></section-header></text></text>		Site Inspection
4	Site Office	Randomly checked the Third party test report for different material. 1)Gypsum Bonding agent third party test is not done as per ITP. Pull out test is carried out only. 2)Gypsum Plaster physical third party test not done. Only chemical test report available.	Minor Observation	<image/> <image/> <image/> <image/> <image/> <image/> <image/> <image/> <text><text><text><text><text></text></text></text></text></text>	<image/> <image/> <image/> <text><text><text></text></text></text>	Site Inspection



5	Site Office	Tile Testing report were checked as per ITP. ITP doesn't specify test for Breaking Strength and Modulus of rupture which are important test as per IS 15622. It is recommendation to incorporate these test in ITP	Information	Organization Description Description Description Description Organization Description Description	IS 15622:2017 Pressed Ceramic Tile
6	Site Office	Randomly reviewed in Work method statement for construction activities & found maintained. WMS of Gypsum plaster and Painting is not avilable	Minor Observation	<image/> <image/> <image/> <image/> <section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	Site Inspection



7	Site 17 th Floor South Side wall	AAC Block – As per WMS The gap of 10-20mm in between top layer and Beam not filled properly throught out the top course.	Minor Observation	24-Sept 2024 2:06.37 pm Baner Paner Paner Philos Malpani M- folcon Malpani M- folcon Attractions South Side and wall	Site Inspection
8	Site 17 th Floor South Side wall	AAC Block – The wall checked for plumb deviation upto 3mm obsereved	Minor Observation	24-Sept-2024 2:07:49 pm Baner Pune Division Maharashtra Majaai M-faicon 77tri fibor South side aac wal	Site Inspection



9	Site 17 th Floor South Side wall	AAC Block – Height of block work above which RCC band cast observed upto 1m required as per WMS max 1.2m	Positive	Zitsspitz 221 / 12 3d pm Bandr Koall Phint and said will	Site Inspection
10	Site 17 th Floor South Side wall	AAC block- RCC mullion casted width observed 150mm at one location required 300mm as per WMS	Minor Observation	24 24 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	Site Inspection



11	Site 16 th Floor Office near service lift	AAC Block Work- Fiber mesh of 300mm with proper overlap at the junction of RCC and Block work provided	Positive	Af Step-2024 2-18:28 pm British Britis	Site Inspection
12	Site 16 th Floor Office South Side Wall	AAC Block work – AAC block observed damaged in the block work complete.	Minor Observation	<complex-block></complex-block>	Site Inspection



13	Site – 16 th Floor South Side Wall	AAC Block work – Horizontal bed joint above RCC band not filled properly gap observed.	Minor Observation	At step 1:2024 2:21 55 pm New Sangawa Here and the step walt	Site Inspection
14	Site 16 th Floor South Side Wall	AAC Block work – Vertical joint thickness observed above 3mm not as per WMS	Minor Observation	Alseer 2024 2 23 2 ort	Site Inspection



15	Site 16 th Floor West Side Wall	AAC Block Work- Vertical joint in masonry work not staggered. Joint observed in one line in alternate course	Minor Observation	Za sept-2022 2.26.41 pm Baner Manbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop Malbarosistrop	Site Inspection
16	Site 16 th Floor West Side Wall	AAC Block Work- Full size are to used in top course as per the WMS , cut block were used in the top course	Minor Observation	Parse Division Malarashira Malarashira Malarashira Malarashira Malarashira Malarashira Malarashira Malarashira	Site Inspection



17	Site 16 th floor Near service shaft	Honey-combing observed in lintel above door opening.	Minor Observation	At-Sopt-Doct-Doct-de-ton- Banego Bane	Site Inspection
18	Site 16 th Floor Near staircase	RCC work Buldging of beam observed need to rectified before carrying out plastering work.	Minor Observation	24 Sept-2024 234:19 pm Baner Pome PWIston Maharsanita Maharsanita Maharsanita Maharsanita Maharsanita Maharsanita Maharsanita Maharsanita Maharsanita Maharsanita	Site Inspection



19	15 th Floor South Side Wall	AAC block Work- Date of construction of AAC block work mentioned. Vertical Joints are properly staggered more than 1/3 rd of length of block.	Positive	24 Sopt 2024 2:3 7:17 pm Melipani Melipani South strib	Site Inspection
20	15 th Floor Core passage	Plastering work – Checked the plaster surface for plumb with plumb bob and found true vertical	Positive	Pluge 50/24 24/0.06 pm Pluge	Site Inspection



21	Site	Plaster Work – 1)Checked the readymix plaster bag for batch no and date of manufacturing -ok 2)Tray was used for mixing the ready mix plaster with W/C as per the requirement.	Positive	arran aga arthr to star a ann i ser than any al stad ord a un arthr day and train an stad ord a un arthr day arthr actured by mat, Gujarat - 394150 ant, Gujarat - 394150 arthr 40 kgs bunder Urchuster of all bases		
22	15 th Floor core area.	Plastering work – Checked the plaster wall for right angle, deviation at one corner observed upto 2mm.	Minor Observation	Address 2002 Addre	Al-Sept-2024 2:51:52 pm Brane	Site Inspection



23	14 th Floor Staircase area	AAC Block Work – 1)Offset observed between block work and beam. 2)Offset observed between RCC band and block work.	Minor Observation	Asser 2024 253-32 nr. Bree Rade Bree Rade <th>Site Inspection</th>	Site Inspection
24	13 th Floor Near staircase area	AAC Block Work – AAC block was observed cracked in the top course and also full size block not used in the top course.	Minor Observation	24-Sept-2024 2:55:51 pm Baster Malpani Malpani Malpani Malpani Malpani	Site Inspection



25	12 th Floor Staircase area	Gypsum Plaster – Checked the gypsum plaster for plumb deviation upto 3mm observed.	Minor Observation	24-Sept-2024 2:57:38 pm Baner Pune Division MalparaShtra Malpani M-falcon office 12th floor staircase gypsum 3mm	Site Inspection
26	9 th Floor Office lobby	Dado Tile work – Checked the dado tile for plumb and evenness and found satisfactory.	Positive	24-sept-2024 30:6:57 pm Survey No = 11/1118 Baner- Mahalunge Road Baner Survey No = 11/1118 Baner- Mahalunge Road Baner Ping Division Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro Maharashtro	Site Inspection



27	Site Lab	Quality park near office to understand materials to be used & procedures to be followed during construction is maintained.	Positive						
28	Site storage	Plaster bags were observed stacked more than 10 nos vertically. Bags were observed touching the wall. Space of 600m around exterior wall to be maintained.	Observation	IS 4802					
B	В.								
	Satisfactory (Without Comments) Satisfactory with Comments (Any previous NC is Still Open) Not Satisfactory (NCR Raised during the inspection)								



Inspection Summary: (Fo	or Details Refer Sec- A)						
Good Practice:-							
 Stage wise compl 	etion dates of block work, plasterin	g work etc ar	e mentioned.				
Information with	respect to the quality work to be c	arried out dis	splayed.				
Dado tile work ar	d cement plaster work are done pr	operly.					
Observations:-							
 Block work obser 	ved out of plumb and joints are not	t staggered 1	/3 rd of block length.				
2) Gap of 10-20mm	were not filled with non-shrink gro	unt and pack	ed with aggregate in AAC block to	op course.			
Offset observed	petween block work and RCC beam						
AAC block observed	ed damaged in block work						
Full block not use	ed at top course of AAC block work.						
6) WMS of gypsum	plaster work and painting work not	available.					
Open NC : Ye	es, details in Section H	NO					
On behalf of Bureau Verit	as		On behalf of Bureau Veritas				
BV Inspector: Rohan A	Patil		BV Coordinator: Priyanka Pat	il			
AAVlati			P Pahil				
BV Office: Pune			Inspection Report Date: 1	14 th Oct 2024			
Distribution:			Attachments Report: Yes, details in section J NO				
C. REFERENCE DO		Refer	to attachment section J instea	d			
TITLE	REFERENCE	REV	APPROVAL STATUS	APPROVED BY	DATE (DD-MM-YYYY)		
Project Quality Plan	M Falcon	N/A	Approved	Malpani Group	N/A		



D.	ATTENDEES							
	ATTENDEES		DESIGNATION		REPR	ESENTING		
1)	Mr.Bhushan Dano	dawate	Project Manag	er	Malp	ani		
/	Mr. Devendra Shi		Asst. Manager	QA/QC	Malp	ani		
,	Mr.Ashish Kumav		Sr. Engineer		Malp			
/	Mr Pravin Gadeka	ar	Sr. Engineer		Malp			
	Mr Sagar Mali		Asst. Manager	·	Malp			
Ε.				NG EQUIPMENTS USED		Refer to attachment section J instead		
		(Indicate if	f separate doci	iment list is provided in attac	chmer	ot)		
EQU	IPMENT TYPE	EQUIPMENT ID	NO. & Name	Traceable to NABL or Compli		CALIBRATION DATE/CALIBRATION DUE DATE.	REMARK	
		of Calibratior		to ISO 17020 requirement (Y	es/			
_		Issuer & Certifi	icate Number	No)				
N/A								
		•••	strument listed	is checked for Suitability and c	onditi	on and found acceptable? - Yes		
F.	INSPECTION /A	UDIT DETAILS						
<u>Audit S</u>	Scope:							
						y Assurance plans, various documents generated	during construction,	
				ut items related to Civil work				
				e final product and shall prov	ide th	e report/snags.		
G.	G. HEALTH, SAFETY & ENVIRONMENT COMMENTS/OBSERVATION							
	Proper safety has		• •	tion activity.				
	2) Safe access was available for audit.							
4)	4) TBT Training is going on regularly							
Н.	NON CONFORM	IITIES USED		Refer to	attac	hment section J instead		
(Inc	dicate if separate	e document list	is provided in a	attachment)				



NC No.	Description	Status Raised	Raised on	Report no.	Closed on		Report No.	Comments		
		On								
	N/A									
I. (E	I. (Earlier + Current) Report Pending Punch points (Carry forward all open points from earlier visit) Refer to attachment section J instead									
Sr. No.	Description				Report no &	Date	Status (Open /Close)			
	N/A									
J. A [.]	J. ATTACHMENTS:									
		N/A								



Site Inspection/ Audit Report

INSPECTION / AUDIT REPORT/MGPUNE/FALCON/BVP/QAQC/MEP/IR-03	REV.NO. 0						
Initial Interim Final Resident.							
Inspection/ Audit Requested By : M/s Malpani Group							
Inspection / Audit performed as Recognised Authority : Mr. R.Logesh Prabu Yes: NO :							
3V Job / Zig No : 21641199							

Project Name : M-Falcon, Lalit Estate, Baner, Pune.	IPO (if applicable):N/A
Audit by : Bureau Veritas (India)Pvt Ltd, Mumbai	PO no. WO/BK/2024/141 Dt. 31.01.2024
Vendor/Manufacturer : Malpani Estate.	PO No. NA
Architect : Meraki Design	MEP Consultant : MEP consulting Engineers
 Sub Vendor : 1. SL Electrical 2. Electromech Fire fighting Pvt.Ltd 3. Sriansh Engineers - Geberit 	Vertical : MEP
Inspection Location : Lalit Estate, Baner, Pune - 411045	Previous Inspection : : -01 st July 2024.
Inspection Performed from : 24 th September 2024	Next Inspection : As per Clients requirement

Building and Infrastructure Division



	A. INSPECTION & FINDINGS						
Sr. No.	LOCATION	AUDIT FINDINGS / OBSERVATIONS	TYPE OF FINDINGS	IMAGE/ EVIDENCE	Status		
1	2 nd floor Mens restroom	Switch plates are properly protected with masking tape during other works.	Good Observation	The face Milling Bar 24 2024 TEO	Info		
2	1 st Floor – Lobby	The use of GI (galvanized iron) wires has been observed to result in rusting over time. It is recommended to use nylon wires instead.	Minor Observation		Open		

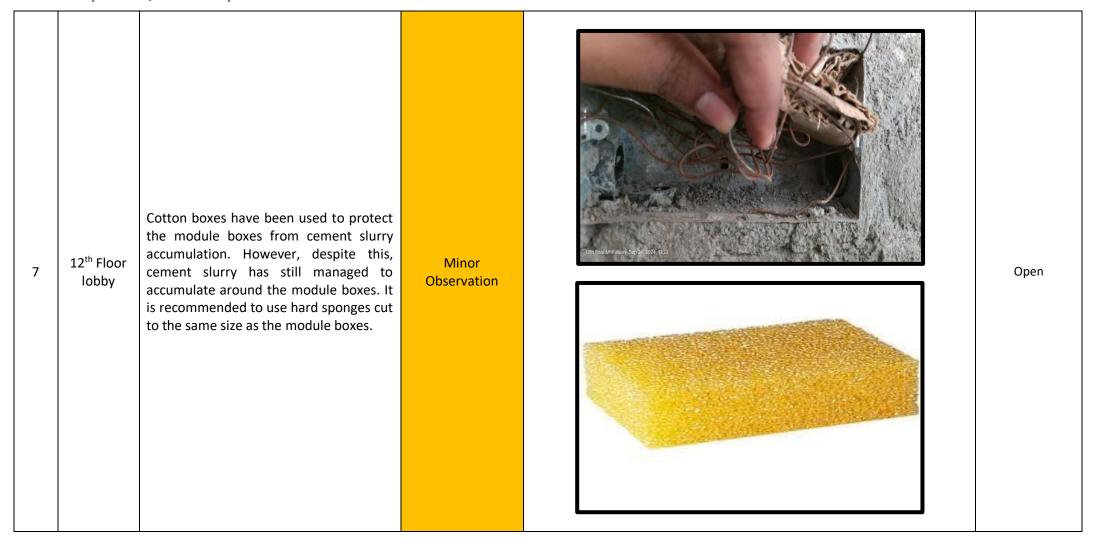


3	12 th Floor – Handicap toilet	The water flush tanks have been installed correctly according to the provided drawings and are adequately protected during ongoing construction.	Good Observation	to the Witken Sed 24 2024.112	Info
4	Ρ4	Cable tray supports have been adequately provided in accordance with the drawings and ensuring proper alignment.	Good Observation		Info



5	Ρ2	The module box is currently unprotected during ongoing work, leading to the accumulation of cement plaster inside the boxes. It is crucial to secure the boxes immediately to prevent further contamination.	Minor Observation	2 M-Facea Sep 24, 2024, 1251	Open
6	1 st Floor lobby	The DB (Distribution Board) box has been protected using a protection sheet; however, there are gaps, and the sheets are not properly secured.	Minor Observation		Open







8	2nd Floor – Office area	Cement slurry's are accumulated around the sprinkler. Recommended to protect sprinkler.	Minor Observation	200 Boor M-Falcon Bab 24, 2024, 1210	Open
9	В2	Sprinklers can be installed above cable trays, but it is not recommended. However, if installed above, the following conditions must be met: As per IS 14489:1998, - Minimum distance of 300 mm (12 inches) above the cable tray. - Sprinklers positioned to avoid direct water discharge on cables. - Cable tray width of at least 600 mm (24 inches) for adequate water discharge.	Recommendation		Info



10	P2 store room	E6013 grade welding rods used for welding.	Good Obseravtion	Streft Streft<	Info
11	5 th floor lobby 2 nd floor lobby	It is recommended to position the cable trays away from the fire pipes due to the potential risk of water leaks at the welded joints in the future.	Information		Info







13	P2 - Entrance Lobby	The module box has been damaged due to contact with an RCC rod during construction. This could compromise the electrical system and lead to further structural or functional issues if not corrected.	Major Observation		Open
14	9 th Floor – Toilet	The use of end caps to protect drainage outlet points is a good practice, but in this case, the end cap is damaged and requires attention. Supervision is necessary to ensure the damage is addressed.	Minor Observation	Pt floor MF-Falcon Sep 24, 2024, 1152	Open



Site Inspection/Audit Report

B. INSPECTION / AU	B. INSPECTION / AUDIT RESULTS							
Satisfactory	Satisfactory with Co	mments	Not Satisfactory					
(Without Comments)	(Any previous NC is		(NCR Raised during the insp	ection)				
Inspection Summary: (For De	tails Refer Sec- A)	· · ·						
 The quality inspection report, based on the site inspection conducted, has been appended in section A. We have reviewed the Plumbing Material Inspection Report (MIR) and Material Test Reports. During the site round, we have conducted inspections of quality work, material, working processes, EHS, etc. We have communicated the Quality and Safety observation points to the site team. 								
	Open N	C: Yes	, details in Section H	NO				
			On behalf of Bureau Veritas					
On behalf of Bureau Veritas BV Inspector: Mr. R.Logesh Prabu Logesh prabu-R			BV Coordinator: Priyanka Pati	I				
BV Office: Mumbai			Inspection Report Date: 1	4 th October 2024				
Distribution:			Attachments Report:	NO				
C. REFERENCE DOCUM	IENTATION	Refer to at	tachment section J instead					
TITLE	REFERENCE	REV	APPROVAL STATUS	APPROVED BY	DATE (DD-MM-YYYY)			
Inspection and Test		02	Approved		29-03-2024			
IND-TQR_01_B &I_Rev. 01 da	nted 11 September. 2023	-	· · · · · · · · · · · · · · · · · · ·	Copyright	Bureau Veritas 05/2018			

BV STAMP



Plan(Materials)						
Material Inspection Report						
Fire pumps		00	Approved	Gaur Kumar Mohanty	15-06-2024	
Pendant Sprinkler K-80,68° C		00	Approved	Gaur Kumar Mohanty	13-06-2024	
Work Inspection Report						
Drainage (Ladies,Gents and Handicap toilet)	R-738-PL-8-108A	6	Approved	Gaur Kumar Mohanty	31-07-2024	
Water supply (Ladies,Gents and Handicap toilet)	R-738-PL-11-120A	6	Approved	Gaur Kumar Mohanty	01-09-2024	
Hydraulic Pressure test report for Sprinkler system (Podium-1)				Parvin Gadekar	08/01/2024	
Hydraulic Pressure test report for Sprinkler system (Podium-3)				Parvin Gadekar	08/01/2024	
Slan Conduit	R-738-FAPA-17-122A			Rajesh chaundkar	23/04/2024	
Method Statement						
Method Statement – Fire protection system		00		Amit Sarawde	27/8/2023	
Method Statement – Electrical System		00		Bhushan	07/06/2023	
Method Statement – Plumbing		00		Arvind Hande	01/07/2024	
			D. ATTENDEES			
ATTENDEES	D	ESIGNATION		REPRESENTING		
Mr. Bhushan Dandovate Project Manager				Malpani Estate		
Mr. Rajesh Chaundkor	Electrical Head			Malpani Estate		
Mr. Gaur Kumar Mohanty	Site Engineer			Malpani Estate		
Mr. Logesh Prabu.R	MEP Surveyor			BVIPL		



Site Inspection/ Audit Report

Ε.	MEASURING AND TESTING EQUIPMENTS USED							
(Indicate if separate document list is provided in attachment)								
EQUIPMENT TYPE	EQUIPMENT ID NO. & Name	Traceable to NABL or Compliant	CALIBRATION DATE/CALIBRATION DUE DATE.	REMARK				
	of Calibration Certificate	to ISO 17020 requirement (Yes/						
	Issuer & Certificate Number	No)						
N/A								
	•••	is checked for Suitability and condition	on and found acceptable? - Yes					
F. INSPECTION /A	AUDIT DETAILS							
<u>Audit Scope:</u>								
1 Site Inspection §	2. Quality Accurance limited to TR	I Sonvicos in torms of roviowing Qualit	y Assurance plans, various documents generated during	construction Survoillance				
1. Site inspection a	a Quality Assurance infinted to TP	T Services in terms of reviewing Quant	y Assurance plans, various documents generated during	construction, surveinance				
inspection servic	ces at site and bought out items r	related to Civil work, MEP & Site deve	lopment.					
2. Consultant is to	perform an independent externa	al audit of the correct implementation	and running of quality control system at Site. Also, Cons	ultant shall review and				
approve the cor	rective methods submitted by th	e site team on Audit findings						
		-						
3. Consultant shall review the quality plan and discuss the rating system before start of Audit with the Client. Consultant shall discuss the Audit methodology, check list,								
3. Consultant shall		report formats and Audit Plan with the Client prior to executing the Audit.						
	nd Audit Plan with the Client pri	or to executing the Audit.						

G. HEALTH, SAFETY & ENVIRONMENT COMMENTS/OBSERVATION

- 1. Proper safety measures, such as using barricades, safety cones, and warning signs, have been implemented on the site during inspection activities to ensure the safety of the workers and visitors.
- 2. Workers at the site have used appropriate Personal Protective Equipment (PPE), including hard hats, safety glasses, gloves, and boots, to protect themselves from

potential hazards and acci	dents.
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- 3. Safe access has been provided for the audit to ensure that the auditors can safely and comfortably access all areas of the site without any risk of injury or damage to property.
- 4. The site has sufficient lighting, including artificial lighting and natural light sources, to ensure proper illumination of all areas of the site, including workspaces, pathways, and storage areas, to prevent accidents and improve visibility.
- 5. Health, Safety, and Environment (HSE) training is conducted regularly to educate workers on safety measures, emergency response procedures, and environmental awareness, to promote a culture of safety and compliance in the workplace.
- 6. Toolbox Talk (TBT) training is conducted regularly to educate workers on specific safety topics, including hazard identification, safe work practices, and incident reporting, to improve safety awareness and prevent accidents in the workplace.

H. N	ON CONFORMITIES	USED	Re	fer to attachment sectio	n J instead	ł		
	(Indicate if separate document list is provided in attachment)							
NC No.	Description	Status Raised On	Raised on	Report no.	Clos	sed on	Report No.	Comments
1	NA							
Ι.	(Earlier + Current)	Report Pending Punch	points (Carry forward	all open points from ear	lier visit)	Re	efer to attachment section	J instead
Sr. No.	Description					Report no & Date (O		Status (Open /Close)
1	NA					NA		
J. ATTACHMENTS:								
Sr. No.	Attachment Name			Total Pages			Description	

Project Quality Rating (Civil)						
	Project Name: M FALCON					
Parameters	Weightage in %	Rating in%	Rating	Overall Rating		
Documentation	10	8.81	88.13			
Materials	10	8.50	85.00	95 21		
Workmanship	40	34.00	85.00	85.31		
Supervision	40	34.00	85.00			

Project Quality Rating (Finishing)						
Project Name: M FALCON						
Parameters	Weightage in %	Rating in%	Rating	Overall Rating		
Documentation	10	8.69	86.88			
Materials	10	8.61	86.13	95 50		
Workmanship	40	34.10	85.25	85.50		
Supervision	40	34.10	85.25			

Project Quality Rating (MEP)						
Project Name: M FALCON						
Parameters	Weightage in %	Rating in%	Rating	Overall Rating		
Documentation	10	9.00	90.00			
Materials	10	8.93	89.25	86.03		
Workmanship	40	33.95	84.88	00.03		
Supervision	40	34.15	85.38			

Overall Project Quality Rating	85.61
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