

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001**

NO. F-6/DFS/MS/2016 / 80

Dated: 17/05/2016

FIRE SAFETY CERTIFICATE

Certified that **40 MGD, STP, Phase – II, Rithala, Delhi** comprised of **09 Blocks, Ground Floors** owned / occupied by **Degremont SA (Lead Partner) & Degremont Limited** have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officers concerned of fire service on 05/05/2016 in the presence of **Sh. Suraj Kumar (Project Manager)** and that the building / premises is fit for occupancy **Low Hazard Industry** with effect 17/05/2016 for a period of three years in accordance with rule 36 unless renewed under rule 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions under rule 38 of the Delhi Fire Service Rules, 2010.

1. All employees shall be acquainted with the use and maintenance of all the fire fighting installation/equipments.
2. The fire suppression / protection arrangements provided are to minimize losses, if maintained in good working condition. These systems cannot give a guarantee that there will be no fire or losses in the event of one.
3. Any loss of life and property due to non-functional of fire safety arrangements and other installations shall be the responsibility of the licensee.
4. This report may not in any way be treated as regularization of unauthorized construction, if any. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. The basement shall be used strictly as per the provision of building bye laws.
6. The trained fire fighting staff should be available round the clock.
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director of Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".
8. The owner / occupier shall submit a declaration every year in form "K" provided in the first schedule of Delhi Fire Service Rules 2010. The form is available on WWW.dfs.Delhigovt.nic.in

Issued on 17 / 05 /2016 at New Delhi by


(Dr. G. C Misra)
Director
Ph: 011-23414000

Copy to:

1. Executive Engineer, (SDW) XII, Delhi Jal Board, 40 MGD STP Phase- II Rithala, Delhi 110085.

INSPECTION REPORT**09 blocks, Ground Floors****Basement in Pretreatment Block & Blofor Block**

1. Name & address of the building : Industrial building at 40 MGD, STP, Phase – II, Rithala, Delhi.
2. Type of Occupancy : Low Hazard Industry
3. Type of Case : New Case
4. Details of previous NOC : Letter No. Nil Dated: Nil
5. Fire Safety directives letter No : F.6/DFS/MS/BP/2015/296 Dated 12/11/2015
6. Date of inspection : 05/05/2016
7. Name of the Inspecting Officers : Sh. SS Tuli, DO (NW) & Sh. Rajesh Kumar (ADO RN & R)
8. Name and designation of officers
from the building side : Sh. Suraj Kumar (Project Manager)
9. Year of Construction : 2012
10. Applicant's letter No. : F / EE (SDW) XII /2016/52 dated 05/04/2016

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	Fire Safety Directives letter Dt. 12/11/2015	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	09 mtr	P	M.R.
	• Gate width	06 mtr	P	M.R.
	• Width of internal road	06 mtr	P	M.R.
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	--	--	--
	• Basements	--	--	--
	b. Width of staircases			
	• Upper Floors	--	--	--
	• Basements	--	--	--
	c. Protection of exits			
	• Fire check door	--	--	--
	• Pressurization	--	--	--
	d. No. of continuous staircases to terrace	--	--	--
	e. Width of Corridor	--	--	--
	f. Door Size	1 mtr	1 mtr	M.R.
3	Compartmentation.			

Industrial building at 40 MGD, STP, Phase – II, Rithala, Delhi

	<ul style="list-style-type: none"> ➤ Fire check door ➤ Sealing of electrical shafts ➤ Fire Rating of shaft door ➤ Water Curtain ➤ Fire Dampers 	N.A	N.A	N.A
		N.A	N.A	N.A
		N.A	N.A	N.A
		N.A	N.A	N.A
		N.A	N.A	N.A
4	Smoke Management System.			
	<ul style="list-style-type: none"> ➤ Basements ➤ Upper floors 	30 a/c per hour	N.A	N.A
		12 a/c per hour	N.A	N.A
5	Fire Extinguishers			
	<ul style="list-style-type: none"> ➤ Total numbers ➤ Types ➤ IS marking 	ABC & Co2 4.5 kg at each 300 m ²	41	M/R
		ISI marked	35 ABC & 06 co2	M/R
			P	M/R
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> • Total numbers on each floor • Length of hose reel hose • Nozzle diameter 	10 no's	P	M/R
		30mm	--	--
		5mm	--	--
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> ➤ Type of detectors ➤ Location of Main Panel ➤ Location of Repeater Panel ➤ Alternate source of power ➤ Hooters' Location 	N.A	N.A	N.A
		--	--	--
		--	--	--
		--	--	--
		--	--	--
8	MOEFA	N.A	N.A	N.A
9	Public Address System.	N.A	N.A	N.A
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> ➤ Basement ➤ Upper Floor ➤ Sprinkler above false ceiling 	N.A	N.A	N.A
		N.A	N.A	N.A
		N.A	N.A	N.A
11	Internal Hydrants			
	<ul style="list-style-type: none"> ➤ Size of riser/down-comer ➤ Number of hydrants per floor ➤ Hose Box 	N.A	N.A	N.A
		N.A	N.A	N.A
		N.A	N.A	N.A
12	Yard Hydrants.			

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	➤ Total number of hydrants	10	14	M/R
	➤ Hose Box	10	14	M/R
13	Pumping Arrangements.	Common for all the blocks		
	• Ground Level			
	➤ Discharge of main Pump	1620 LPM	2280 LPM	M/R ✓
	➤ Head of Main pump	70 m	70 m	M/R
	➤ Number of main pumps	02	02	M/R
	➤ Jockey Pump out put	180 LPM	180 LPM	M/R ✓
	➤ Jockey pump head	70 m	70 m	M/R
	➤ Standby Pump out put	1620 LPM	2280 LPM	M/R ✓
	➤ Standby Pump Head	70 m	70 m	M/R
	➤ Auto Starting/ Manual stopping	R	P	M/R
	➤ □□□□□ouse Access	R	P	M/R
	• Terrace level			
	➤ Discharge of pump	--	--	--
	➤ Head of the pump	--	--	--
	➤ Power Supply	--	--	--
	➤ Auto Starting of pump	R	On Auto mode	M/R
14	Captive Water Storage for fire fighting.	Common for all the blocks		
	• Underground tank capacity	8,73,000 ltr	P	M/R ✓
	➤ Draw-off connection	--	--	--
	➤ Fire service inlet	--	--	--
	➤ Access to tank	--	--	--
	• Overhead Tank capacity	--	--	--
15	Exit Signage.	--	--	--
16	Provision of Lifts.			
	• Pressurization of Lift Shaft	N.A	N.A	N.A
	• Pressurization of Lift lobby	N.A	N.A	N.A
	• Communication In lift Car	N.A	N.A	N.A
	• Fireman's Grounding Switch	N.A	N.A	N.A
	• Lift Signage	N.A	N.A	N.A
17	Standby power supply	R	1 MW x P 3	M/R ✓

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18	Refuge Area.			
	➤ Total Area	N.A	N.A	N.A
	➤ Location	N.A	N.A	N.A
19	Fire Control Room			
	• Detector System Panel	N.A	N.A	N.A
	• Flow Switch Panel	N.A	N.A	N.A
	• PA System Panel	N.A	N.A	N.A
	• Batter backup	N.A	N.A	N.A
	• Building Floor Plans	N.A	N.A	N.A
20	Special Fire Protection Systems for Protection of special Risks, if any:			

The fire protection systems provided in the building were test checked and found functional at the time of inspection.

Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010.

Signature of the Inspecting Officer

Name

Designation

[Signature]
6/5/16

Signature of the Inspecting Officer

Name

Designation

[Signature]
Rajesh Kumar
ADD/AN & Admin