

**ANNEXURE I**  
**ACKNOWLEDGEMENT COPY**



# JOTINDRA STEEL & TUBES LIMITED

Regd. Office & Works : 14/3, Mathura Road, Sector-45, Faridabad-121003 (Haryana) India.

Phone : +91-129-2477888, 2275721 E-mail : jotindra@jotindra.com CIN : L27104HR1970PLC005240

To,  
The Joint Director,  
Northern Regional Office,  
Ministry of Environment, Forest and Climate Change,  
Bay No. 24-25, Sector 31-A  
Dakshim Marg, Chandigarh- 160030

*Received*  
24.12.19  
08/01/2020  
GOVT. OF INDIA  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Min. of Environment, Forests & Climate Change  
बेज नं. 24-25, सेक्टर 31-ए  
Bays No. 24-25, Sec- 31 A  
चण्डीगढ़/Chandigarh

**Sub: Submission of half - yearly Compliance report showing the status of compliance of the stipulated conditions as specified in Environmental Clearance Letter for Affordable Group Housing Colony at Revenue Estate of village Mewla Maharajpur, Sector-45, Faridabad, Haryana.**

**Ref: 1. Environment Clearance Letter No. SEIAA/HR/2019/272 dated 30/08/2019**  
**2. Letter No. 16-10/2019(ENV)/215 dated 12.09.2019 from Northern Regional Office, MoEF&CC, Chandigarh.**

Dear Sir,

This is in reference to the Environmental Clearance Letter as issued to our project we are hereby submitting the status of compliance to the stipulated conditions as specified in the same, in the month of Dec 2019 in soft copy.

Thanking you,  
Yours Sincerely,

**M/s Jotindra Steels and Tubes Limited**

For Jotindra Steel & Tubes Ltd.

*[Signature]*  
(Director)

Authorised Signatory

**Encl.** Soft copy of six monthly compliance report in the form of CD.

Copy to:

- The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula-1341009, Haryana
- The Member Secretary, State Environmental Impact Assessment Authority Bay No- 55-58, Parytan Bhawan, Sector-2, Panchkula- 134115, Haryana.



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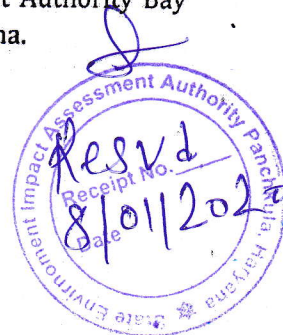
  
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Haryana State Pollution Control Board  
C-11, Sector 6, Panchkula

Deepak 8/1720

**ANNEXURE II**

**COPY OF CTE**



**HARYANA STATE POLLUTION CONTROL BOARD**

**Faridabad Sec.-16-A, Opp. Hewo Apartment,  
Faridabad Ph. 0129-2225315(O)**

*Website: www.hspcb.gov.in E-Mail - hspcb.pkl@sifymail.com*

*Telephone No.: 0172-2577870-73*



No. HSPCB/Consent/ : 329962319FDBDCTE7046301

Dated:11/12/2019

To.

**M/s : Jotindra Steel and Tubes Ltd.  
14/3 Mathura Road, Sector 45, Faridabad. 121003  
FARIDABAD  
121003**

**Sub. : Grant of consent to Establish to M/s Jotindra Steel and Tubes Ltd.**

Please refer to your application no. 7046301 received on dated 2019-12-03 in regional office Faridabad.

With reference to your above application for consent to establish, M/s Jotindra Steel and Tubes Ltd. is hereby granted consent as per following specification/Terms and conditions.

<b>Consent Under</b>	AIR/WATER
<b>Period of consent</b>	11/12/2019 - 29/08/2026
<b>Industry Type</b>	Building and construction project having waste water generation more than 100 KLD
<b>Category</b>	RED
Investment(In Lakh)	27500.0
Total Land Area (Sq. meter)	24608.89
Total Builtup Area (Sq. meter)	113424.61
<b>Quantity of effluent</b>	
1. Trade	0.0 KL/Day
2. Domestic	339.0 KL/Day
Number of outlets	1.0
<b>Mode of discharge</b>	
1. Domestic	Recycling/Reuse
2. Trade	0
<b>Permissible Domestic Effluent Parameters</b>	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. pH	5.5-9.0
5. Oil & Grease	10 mg/l
<b>Permissible Trade Effluent Parameters</b>	

1. NA	mg/l
Number of stacks	1
<b>Height of stack</b>	
1. Attached to D.G.Sets above roof level	3 meter
<b>Permissible Emission parameters</b>	
1. NA	
<b>Capacity of boiler</b>	
1. N.A.	Ton/hr
<b>Type of Furnace</b>	
1. N.A.	
<b>Type of Fuel</b>	
1. Diesel	1.25 KL/day

**Regional Officer, Faridabad**  
Haryana State Pollution Control Board.

### Terms and conditions

1. The industry has declared that the quantity of effluent shall be 339 KL/Day i.e 0KL/Day for Trade Effluent, 0 KL/Day for Cooling, 339 KL/Day for Domestic and the same should not exceed .
2. The above 'Consent to Establish' is valid for 60 months from the date of its issue to be extended for another one year at the discretion of the Board or till the time the unit starts its trial production whichever is earlier. The unit will have to set up the plant and obtain consent during this period.
3. The officer/official of the Board shall have the right to access and inspection of the industry in connection with the various processes and the treatment facilities being provided simultaneously with the construction of building/machinery. The effluent should conform the effluent standards as applicable
4. That necessary arrangement shall be made by the industry for the control of Air Pollution before commissioning the plant. The emitted pollutants will meet the emission and other standards as laid/will be prescribed by the Board from time to time.
5. The applicant will obtain consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21/22 of the Air (Prevention & Control of Pollution) Act,1981 as amended to-date-even before starting trial production
6. The above Consent to Establish is further subject to the conditions that the unit complies with all the laws/rules/decisions and competent directions of the Board/Government and its functionaries in all respects before commissioning of the operation and during its actual working strictly.
7. No in-process or post-process objectionable emission or the effluent will be allowed, if the scheme furnished by the unit turns out to be defective in any actual experience
8. The Electricity Department will give only temporary connection and permanent connection to the unit will be given after verifying the consent granted by the Board, both under Water Act and Air Act.
9. Unit will raise the stack height of DG Set/Boiler as per Board's norms.
10. Unit will maintain proper logbook of Water meter/sub meter before/after commissioning.

11. That in the case of an industry or any other process the activity is located in an area approved and that in case the activity is sited in an residential or institutional or commercial or agricultural area, the necessary permission for siting such industry and process in an residential or institutional or commercial or agricultural area or controlled area under Town and Country Planning laws CLU or Municipal laws has to be obtained from the competent Authority in law permitting this deviation and be submitted in original with the request for consent to operate.
12. That there is no discharge directly or indirectly from the unit or the process into any interstate river or Yamuna River or River Ghaggar.
13. That the industry or the unit concerned is not sited within any prohibited distances according to the Environmental Laws and Rules, Notification, Orders and Policies of Central Pollution control Board and Haryana State Pollution Control Board.
14. That of the unit is discharging its sewage or trade effluent into the public sewer meant to receive trade effluent from industries etc. then the permission of the Competent Authority owing and operating such public sewer giving permission letter to his unit shall be submitted at time of consent to operate.
15. That if at any time, there is adverse report from any adjoining neighbor or any other aggrieved party or Municipal Committee or Zila Parishad or any other public body against the unit's pollution; the Consent to Establish so granted shall be revoked.
16. That all the financial dues required under the rules and policies of the Board have been deposited in full by the unit for this Consent to Establish.
17. In case of change of name from previous Consent to Establish granted, fresh Consent to Establish fee shall be levied.
18. Industry should adopt water conservation measures to ensure minimum consumption of water in their Process. Ground water based proposals of new industries should get clearance from Central Ground Water Authority for scientific development of previous resource.
19. That the unit will take all other clearances from concerned agencies, whenever required.
20. That the unit will not change its process without the prior permission of the Board.
21. That the Consent to Establish so granted will be invalid, if the unit falls in Aravali Area or non conforming area.
22. That the unit will comply with the Hazardous Waste Management Rules and will also make the non-leachate pit for storage of Hazardous waste and will undertake not to dispose off the same except for pit in their own premises or with the authorized disposal authority.
23. That the unit will submit an undertaking that it will comply with all the specific and general conditions as imposed in the above Consent to Establish within 30 days failing which Consent to Establish will be revoked.
24. That unit will obtain EIA from MoEF, if required at any stage.
25. In case of unit does not comply with the above conditions within the stipulated period, Consent to Establish will be revoked.
26. That unit will obtain consent to operate from the board before the start of product activity.

#### **Specific Conditions**

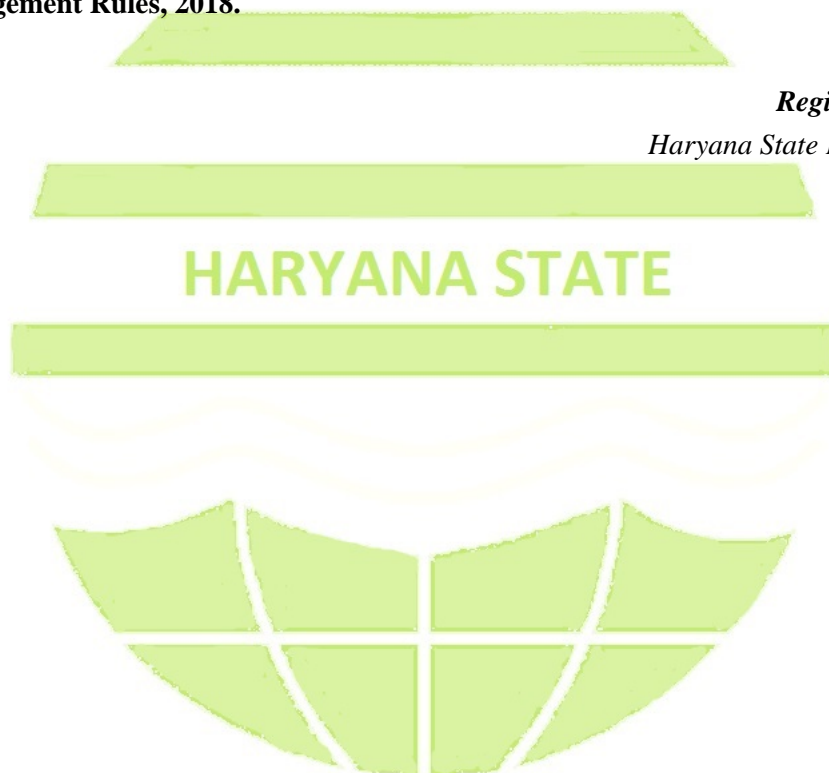
#### **Other Conditions :**



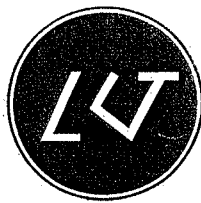
1. Unit will take Consent to Operate before starting the occupation/ operation of the project.
2. The unit will install the project only on the plot for which unit has obtained EIA clearance / EC / DTP License.
3. The unit will install adequate acoustic enclosures/ chambers on their D.G. sets with proper stack height as per prescribed norms to meet the prescribed standards under EP Rules, 1986.
4. Unit will comply the conditions mentioned in the letter dated 25-10-2019 of CPCB regarding mechanism for Environmental management in compliance of Hon'ble NGT order dated 23-08-2019 in the matter of O.A. No. 1038/2018 like the green belt outside the project premises such as avenue plantation, plantation in vacant areas, social forestry, etc. should be provided .
5. The reuse /recycle of treated wastewater should be utilized in horticulture, floor washing , cooling towers .
6. A detailed water harvesting plan may be submitted by the project proponent before consent to operate.
7. The project proponent will submit Monitoring of compliance of EC conditions with third party audit every year .
8. The % of the CER may be at least 1.5 times the slabs given in the OM dated 01.05.2018 for SPA and 2 times for CPA in case of Environmental Clearance.
9. During construction phase unit will comply with the guidelines issued by MoEF as well as the Direction issued by NGT in Original Application No. 21 of 2014 titled as Vardhman Kaushik V/s Union of India & Ors as well as will comply with the guidelines issued under C & D waste Management Rules, 2018.

*Regional Officer, Faridabad*

*Haryana State Pollution Control Board.*



**ANNEXURE III**  
**STRUCTURE STABILITY CERTIFICATE**

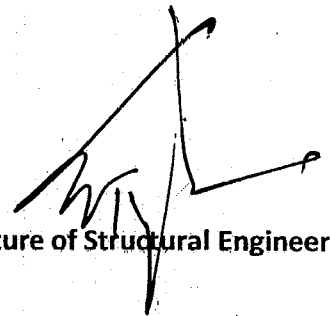


An ISO-9001-2008 Company  
 Regd. No. U74200 DL2008PLCI84617

## Structural Stability Certificate

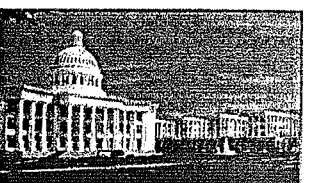
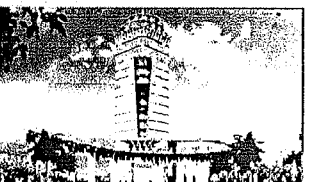
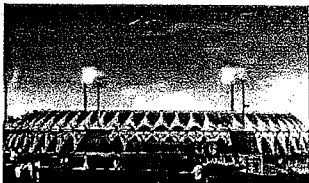
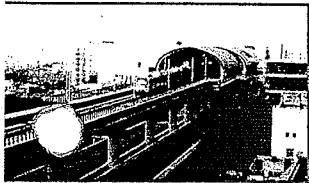
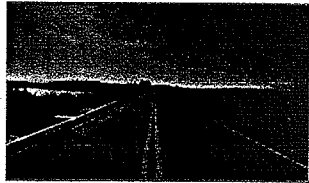
It is hereby certified that the plans submitted for the Residential building, Affordable Group Housing, measuring 6.081 Acres, falling in Sector – 45, Faridabad, Haryana. Belonging to M/s. Jotindra Steel & Tubes Limited. are in accordance with the Haryana Building Code – 2016 and the approved zoning plan of the plot. The structure has been designed in accordance with the provisions of the National Building Code and the relevant Bureau of Indian Standard Codes (with latest amendments) including Bureau of Indian Standard Codes for structures resistant to earthquakes and other natural hazards. The local soil conditions, its load bearing capacity and the underground water table etc. have been kept in view while designing the same.

Dated \_\_\_\_\_



Signature of Structural Engineer

**LOKESH KUMAR TYAGI**  
 M. Tech (Structures)  
 A-517051/7  
 75, Rajouri Apartment,  
 Rajouri Garden, New Delhi-27



IAS-ANZ



**LKT Engineering Consultants Limited**

63/12A, IInd Floor, Main Rama Road, Opp. Kirti Ngr. Metro Stn., New Delhi- 110015, India  
 Tel: +91 11 45565818, Fax: +91 11 45585814, www.lktengineering.com



Registered Office: 10/49, Subhash nagar, New Delhi-110027, India

### A. STRUCTURAL METHODOLOGY:

- The Building has Two Basements having total height of basement is 9.00 M.
- The Proposed Structure is considered to be of Retaining walls in basement, Raft Structures & R.C.C. frame according to NBC norms.
- Concrete grade is M30 & M25 as per norms & NBC parameters.
- Structure Design of Entire Building blocks is as per IS-code & Earthquake resistance as per IS 1893:2002, & Structural design & detailing of as per IS 13920:1993.
- INDICATES HIGH STRENGTH TMT (THERMO MECHANICALLY TREATED) BARS CONFORMING TO IS:1786:1983 (REAFFIRMED, F 500 NEW TONNAGE) PREFERABLY Fe 500 D (DUCTILE) SHALL BE USED.
- (DOTTED) INDICATES TOP REINFORCEMENT.
- (CONTINUOUS) INDICATES BOTTOM REINFORCEMENT.
- FIXING AND BENDING OF REINFORCEMENT (REINFT) SHALL BE AS PER IS:2502.
- ANY EXTRA EXCAVATION BELOW FOUNDATION SHALL BE FILLED UP WITH MASS CONCRETE (1:4:8) NOMINAL MIX.
- PROVIDE CHAIRS WHERE NECESSARY TO SUPPORT TOP REINFT.
- EXPANSION JOINT SHALL BE AS PER SPECIFICATIONS.
- BACK FILLING OF EXCAVATED SOIL BEHIND R.C.C. WALL SHALL BE ONLY AFTER CASTING OF UCT ROOF WHENEVER OCCUR.
- NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT ANY SECTION, NOT MORE THAN ONE LAP SHALL BE PERMITTED IN A MEMBER FOR THE SAME BAR. LAPPING SHALL BE CARRIED OUT AS PER DIRECTION OF ENGINEER-IN-CHARGE. LAPPING OF BARS SHALL BE AVOIDED AS FAR AS POSSIBLE IN BEAM/SLAB, (a) AT MID SPAN OF BOTTOM BAR AND AT SUPPORT OF TOP BARS.
- CONSTRUCTION JOINT SHALL BE PROVIDED AS DIRECTED BY ENGINEER-IN-CHARGE.
- DETAILING OF REINFT SHALL BE FOLLOWED AS PER TYPICAL DETAILED DRAWINGS AND SP34.
- ALL RCC WORK SHALL CONFORM TO SPECIFICATIONS AS LAID-DOWN IN IS:456:2000 AND S.P. 34(LATEST REVISION) UNLESS OTHERWISE SPECIFIED.
- 4% GRADE CEMENT SHALL BE USED WITH W/C RATIO 0.45.
- CONCRETING IN PANELS SHALL BE DONE CONTINUOUSLY. HOWEVER AT THE CONSTRUCTION JOINTS THE INTERVAL SHALL NOT EXCEED 24 HRS. CONCRETING IN EACH PANEL SHALL BE DONE FOR FULL WIDTH OF THAT PANEL SO THAT CONSTRUCTION JOINTS COME ALONG FULL WIDTH AT 1/3 SPAN.
- THE DESIGN MIX SHALL BE GOT APPROVED FROM THE "ENGINEER-IN-CHARGE".
- IN CASE CONCRETE MIX IN BEAM IS RICHER THAN SLABS, THE SLABS ADJACENT TO BEAMS SHALL ALSO BE CAST IN THE RICHER MIX UPTO A DISTANCE OF 0.21 FROM THE FACE OF BEAM, WHERE L IS THE SPAN OF SLAB.

#### B. DESIGN MIX:

20. DESIGN MIX OF FOLLOWING CONCRETE GRADES SHALL BE FOLLOWED:
- |                |         |
|----------------|---------|
| BEAMS          | M-25    |
| COLUMNS        | M-30/25 |
| FOOTING        | M-25    |
| SLAB           | M-25    |
| STAIR CASE     | M-25    |
| LINTEL         | M-25    |
| STRUG TANK     | M-30    |
| RETAINING WALL | M-25    |

#### C. CLEAR COVER:

21. CLEAR CONCRETE COVER TO THE MAIN REINFORCEMENT SHALL BE PROVIDED AS UNDER:-
- |             |       |
|-------------|-------|
| BEAMS       | 30 MM |
| COLUMNS     | 40 MM |
| FOOTING     | 50 MM |
| SLAB        | 25 MM |
| STAIRCASE   | 25 MM |
| LINTELS     | 25 MM |
| RCC WALL    | 20 MM |
| RAFT BOTTOM | 75 MM |

#### D. LAP LENGTH:

(1) ALL LAPS ARE TYPICAL TENSION SPLICES UNLESS NOTED AS COMPRESSION ("c") ON PLANS OR DETAILS.

TABLE NO. 1

Development Length for Fe-560		(Ld) = LAP LENGTH (D) = DIA OF BAR			
S.No.	M40	M35	M30	M25	M20
1.	36D	40D	46D	49D	57D

#### E. DESIGN SAFE BEARING CAPACITY OF SOIL:

22. THE NET SBC CAPACITY AT 2MTR FROM NGL 18.2 TON IN CASE OF DOUBT REGARDING SOIL BEARING CAPACITY DURING EXCAVATION, THE MATTER SHALL BE REPORTED TO THE CONSULTANTS.

#### F. BLOCK WORK SPECIFICATION:

23. ALL BLOCK WORK SHALL BE AS PER SPECIFICATIONS.
24. 26. BLOCK MASONRY WALL SHALL CONSISTS OF SQUARE UNITS BUILT TO HORIZONTAL COARSE WITH BROKEN VERTICAL JOINTS IN ACCORDANCE WITH IS 4326. THE MORTAR USED FOR MASONRY SHALL BE CONFORM WITH THE REQUIREMENT OF IS 4326. THE MINIMUM CRUSHING STRENGTH OF BLOCK SHALL BE AS PER SPECIFICATIONS / LOCALLY AVAILABLE
25. BLOCK UNITS SHALL BE ON A FULL MORTAR BED WITH FROG IF ANY. UPPER MOST, SO THAT CROSS JOINTS ARE COMPLETELY FILLED WITH MORTAR. BLOCK UNITS WHICH ARE REMOVED AFTER INITIAL PLACEMENT SHALL BE RELIAD IN FRESH MORTAR OLD OR DISTURBED MORTAR SHALL BE DISCARDED.

26. THE CROSS JOINTS IN ANY COARSE OF ONE BLOCK THICK MASONRY WALL SHALL NOT BE LESS THAN ONE FOURTH OF A MASONRY UNIT IN HORIZONTAL MEASUREMENT FROM THE CROSS JOINTS IN THE COARSE BELOW. IN BLOCK WALLS MORE THAN ONE BLOCK IN THICKNESS BONDING THROUGH THE THICKNESS OF WALL SHALL BE PROVIDED BY EITHER HEADER UNITS OR BY OTHER EQUIVALENT MEANS CONFORMING TO THE REQUIREMENT OF IS 4326.
27. ALL MASONRY SHALL BE BUILT UP TRUE TO LINE & PLUMB WITHIN THE TOLERANCE LIMIT AS SPECIFIED IN C.P.W.D. SPECIFICATION P-1-2009 OR IN RELEVANT IS. CODE
28. AT THE INTERSECTIONS OF LOAD BEARING WALLS WITH OTHER WALLS, THE COARSE SHALL BE LAID IN TRUE BOND WITH AT LEAST 50% OF THE UNITS AT THE INTERSECTIONS.
29. NO. OF STRIPS SHOWN IN COLUMN DETAILS SHALL BE PROVIDED AT SINGLE PLACE @ SPACING SHOWN IN TYPE COLUMN DETAIL.
30. BUILDING IS DESIGNED FOR SEISMIC ZONE IV.

31. IN NONLOAD BEARING WALLS 100mm THK. A MINIMUM GAP OF 15mm SHALL BE KEPT BETWEEN THE TOP OF WALL AND BOTTOM OF BEAMS AND SHALL BE FILLED WITH LEAN CEMENT MORTAR.

32. IF ANY DETAIL IS MISSING IN ANY STRUCTURAL DRAWINGS IN THAT CASE TYPICAL DETAIL SHALL BE FOLLOWED.

33. FOR ALL CUT OUTS LOCATIONS AND SIZE REFER ARCHITECTURE DRAWINGS.

34. TERRACE SLOPE SHALL BE MINIMUM 1:100 TO DRAIN OFF RAIN WATER IN THE DIRECTION OF RAIN WATER PIPE.

35. FOR HALF BLOCK WALL 2nos OF 6mm DIA MS BAR SHALL BE PROVIDED AT EVERY FOURTH COURSE.

36. FOUNDATION SHALL BE PROVIDED MIN 1500 (1.5m) BELOW FROM (NGL) NATURAL GROUND LEVEL HOWEVER IN CASE OF VARYING GROUND PROFILE (SI OPEN) THE BEAM SHALL BE HORIZTALLY AT DIFFERENT LEVEL SHALL BE PROVIDED TO AVOID DIFFERENTIAL SETTLEMENT OF FOOTINGS.

37. STUB COLUMNS 230 X 230 SIZE WITH REINFORCEMENT OF 4nos 16 DIA AND RING 8\* @ 200/c SHALL BE PROVIDED BETWEEN THE BLOCK WALL IF LENGTH OF BRICK WALL EXCEED 3.5M.

38. CONDUIT OR PIPE SIZE (OD) SHALL NOT EXCEED 30 PERCENT OF SLAB THICKNESS AND SHALL BE PLACED BETWEEN THE TOP AND BOTTOM REINFORCING UNLESS SPECIFICALLY DETAILED OTHERWISE. CONCENTRATIONS OF CONDUITS OR PIPES SHALL BE AVOIDED EXCEPT WHERE DETAILED OPENINGS ARE PROVIDED.

39. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS ANY DO NOT CUT IN CONCRETE BEFORE PLACING REINFORCING WHICH MAY CONFLICT. CORNER IN CONCRETE IS NOT PERMITTED EXCEPT AS SHOWN. NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN ON THE DRAWINGS.

LOUISIANA STATE UNIVERSITY  
ARCHITECTURAL & CIVIL ENGINEERING  
M. ASHWINI  
25, ASHWINI  
RESEARCH CENTER, COLLEGE STATION,  
TX 77701-2002, USA  
PH: 817/257-3300

Architect

Overseas Signatory

AFFORDABLE GROUP - HOUSING SCHEME MEASURING 6.081 ACRES IN SECTOR-45 FARDABAD HARYANA. BEING DEVELOPED BY M/S. JOTINDRA STEEL & TUBES LTD.

**ANNEXURE IV**  
**FOREST NOC**



प्रभागीय वन अधिकारी द्वारा स्पष्टीकरण पत्र  
Clarification letter by  
Concerned Divisional Forest Officer  
हरियाणा सरकार / Government of Haryana



गैर-वन भूमि पर वन कानून उपयुक्तता के विषय में स्पष्टीकरण पत्र।  
Clarification letter regarding applicability of forest laws on non forest land.

नाम Name	धीरज अरोरा Dheeraj Arora
संगठन का नाम Organisation Name	Jotindra Steel And Tubes Limited
वर्तमान पता Current Address	14/3 Mathura Road Sector 45 Faridabad,,
भूमि स्थान Land Location	MEVLA MAHARAJPUR, Faridabad, Mewla Maharajpur
भूमि मापन Land Measurements	6.0812 (Acre)
आयत नम्बर / मुरबा नम्बर Rectangle No./ Murba No.	25,30

Reference No. (SRN):- G7B-P5U-D08K

जारी करने की तिथि / Date of Issuance: 29-05-2019

जारी करने का स्थान / Place of Issuance: Faridabad

जारी करने वाला प्राधिकरण / Issuing Authority: Divisional Forest Officer



This is a Digitally Signed Certificate and does not require physical signature. The authenticity of this certificate can be verified from the verification link mentioned below:

<https://164.100.137.243/eservices/mobileapi/verify/clarification/G7BP5UD08K>



प्रभागीय वन अधिकारी द्वारा स्पष्टीकरण पत्र  
Clarification letter by  
Concerned Divisional Forest Officer  
हरियाणा सरकार / Government of Haryana



गैर-वन भूमि पर वन कानून उपयुक्तता के विषय में स्पष्टीकरण पत्र।  
Clarification letter regarding applicability of forest laws on non forest land.

किला नम्बर  
Killa Number

25//22/1,20/1,20/3,21/2,21/1,1/2/1,10/2,19/2/2,11/1,30//1,2/1

प्रयोजन  
Purpose

Affordable Group Housing Society



जारी करने की तिथि / Date of Issuance: 29-05-2019  
जारी करने का स्थान / Place of Issuance: Faridabad  
जारी करने वाला प्राधिकरण / Issuing Authority: Divisional Forest Officer

This is a Digitally Signed Certificate and does not require physical signature. The authenticity of this certificate can be verified from the verification link mentioned below:

<https://164.100.137.243/eservices/mobileapi/verify/clarification/G7BP5UD08K>



प्रभागीय वन अधिकारी द्वारा स्पष्टीकरण पत्र  
Clarification letter by  
Concerned Divisional Forest Officer  
हरियाणा सरकार / Government of Haryana



गैर-वन भूमि पर वन कानून उपयुक्तता के विषय में स्पष्टीकरण पत्र।

Clarification letter regarding applicability of forest laws on non forest land.

Applicant Dheeraj Arora located at village /city MEVLA MAHARAJPUR  
made a Proposed use this land for Affordable Group Housing Society

a) As per records available above said land is not part of notified Reserved Forest, Protected Forest under Indian Forest Act, 1927 or any area closed under section 4 of Punjab Land Preservation Act, 1900.

b) It is clarified that by the Notification No. S.O.8/PA 2/1900/S. 4/2013 dated 4<sup>th</sup> January, 2013, all Revenue Estate of Faridabad is notified u/s 4 of PLPA 1900 and S.O.81/PA.2/1900/S.3/2012 u/s 3 of PLPA 1900. The area is however not recorded as forest in the Government record but felling of any tree is strictly prohibited without the permission of Divisional Forest Officer, Faridabad.

c) If approach is required from Protected Forest by the user agency, the clearance/ regularization under Forest Conservation Act 1980 will be required. Without prior clearance from Forest Department, the use of Forest land for approach road is strictly prohibited. M/s Jotindra Steel And Tubes Limited whose land is located at village/city, MEVLA MAHARAJPUR Faridabad must obtain clearance as applicable under Forest Conservation Act 1980.

d) As per the records available with the Forest Department, Faridabad the area does not fall in areas where plantations were raised by the Forest Department under Aravalli project.

e) All other statutory clearances mandated under the Environment Protection Act. 1986, as per the notification of Ministry of Environment and Forests, Government of India, dated 07-05-1992 or any other Act/ order shall be obtained as applicable by the project proponents from the concerned authorities.

f) The project proponent will not violate any Judicial Order/ direction issued by the Hon'ble Supreme Court/ High Courts.

g) It is clarified that the Hon'ble Supreme Court has issued various judgments dated 07.05.2002, 29.10.2002, 16.12.2002, 18.03.2004, 14.05.2008 etc. pertaining to Aravalli region in Haryana, which should be complied with.

h) It shall be the responsibility of user agency/ applicant to get necessary clearances/ permissions under various Acts and Rules applicable if any, from the respective authorities/ Department.

i) This certificate is not applicable in case of Environment Department notification dated 10.03.2016 for Screening Plant, and notification dated 11.05.2016 for Stone Crusher. Investor/Applicant has to take clearance from Environment Department in case of Screening Plant and Stone Crusher .

It is subject to the following conditions:

1. The Land In The Proposal Is Neither A Protected Forest nor Reserve Forest, not Covered Under Section 4&5 Of Plpa 1900 And Aravalli Plantation. hence This Office Have No Objection And The User Agency Will Not Cut The Standing Trees Without Permission Of Dfo As The Area Is Notified Under General Section 4



Date: \_\_\_\_\_  
Place: 29-05-2019  
Faridabad

(Signed By Forest Officer)

This is a Digitally Signed Certificate and does not require physical signature. The authenticity of this certificate can be verified from the verification link mentioned below:

<https://164.100.137.243/eservices/mobileapi/verify/clarification/G7BP5UD08K>



**ANNEXURE V**  
**WATER ASSURANCES**

**Office of the Executive Engineer, HSVP Division No.2, Faridabad**  
**HSVP Office Complex, Sector-12, Faridabad**  
**Tel. + Fax: 0129- 2282183 E-mail:xenhuda2.fbd@gmail.com**

---

To

M/s. Jotindra Steel & Tubes Limited  
14/3, Mathura Road, Sector-45,  
Faridabad

Memo. No.

4197

Dated:-

5-5-19

Sub:-

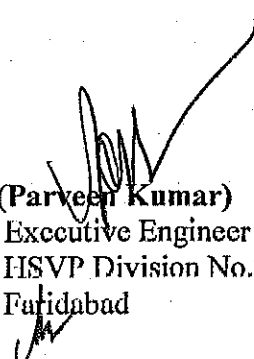
To apply for assurance for provide STP treated water 100 KLD for construction purpose for developing a Affordable Group Housing Project located at Village Mewla Maharajpur, Sector-45, Faridabad, Haryana by Jotindra Steel and Tubes Limited.

Ref:-

Your office letter dated 29.04.2019 on the subject cited above.

It is intimated that HSVP will be take 450 KLD of treated water of your subject cited Group Housing Project located at Village Mewla Maharajpur, Sector-45, Faridabad.

This is for your information and necessary action please.

  
(Parveen Kumar)  
Executive Engineer  
HSVP Division No.2  
Faridabad

**Office of the Executive Engineer, HSVP Division No.2, Faridabad**  
**HSVP Office Complex, Sector-12, Faridabad**  
**Tel. + Fax: 0129- 2282183 E-mail:xenhuda2.fbd@gmail.com**

---

To

M/s. Jotindra Steel & Tubes Limited  
14/3, Mathura Road, Sector-45,  
Faridabad

Memo. No. M192

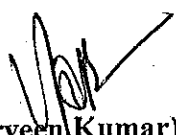

Dated:- 5-7-19

**Sub:- To apply for assurance of water supply 450 KLD domestic purpose for developing a Affordable Group Housing Project located at Village Mewla Maharajpur, Sector-45, Faridabad, Haryana by Jotindra Steel and Tubes Limited.**

**Ref:- Your office letter dated 29.04.2019 on the subject cited above.**

It is intimated that HSVP will be supply 450 KLD water of your subject cited Group Housing Project located at Village Mewla Maharajpur, Sector-45, Faridabad.

This is for your information and necessary action please.

  
(Parveen Kumar)  
Executive Engineer  
HSVP Division No.2  
Faridabad  


**ANNEXURE VI**  
**ELECTRICITY BILL**



Electricity Bill

Duplicate Bill  
REVISED BILL



Report Generation Date:-13-03-2020 12:27:01  
Generated By:- reportus

7 9 9 6 6 3 0 0 0 1 2 2 2 7 3 1 9 6 3 2 0 2 0 1 2 3 3 7 1

<b>Name: JITENDRASTEEL TUBES LTD</b>		<b>Account No: 7996630000</b>	<b>Net Payable Amount on or before Due Date (₹): 122273.00</b>
Address: 14/3 MATHURA ROAD FARIDABAD, FARIDABAD, FARIDABAD, Faridabad, HR, IND		Old Acct No: 1211415UJSHT0001	Due Date: 19/03/2020
Circle : Faridabad Circle-1		K No: 2213042886	Surcharge(₹): 1098.00
Division: Division Old Faridabad	Cycle/Group: AKCK/15U	Issue Date: 12/03/2020	Gross Amount Payable After Due Date(₹): 123371.00
Sub Division: F14-No. 4	Bill Month: MAR/2020	Bill No: 799660745531	

Net Payable Amount in words: One Lakh Twenty Two Thousand Two Hundred Seventy Three Rupees Only  
Generated on Date:- 13-03-2020 12:27:01, Generated by:- reportus

Meter No.	Meter Reading Date		Period Days	MDI	Unit	Meter Reading		M.F.	Consumed Units	Billed Units	Bill Basis	Read Rmrk	Mtr Sts
	Old	New				Old	New						
16499642	01/02/2020	01/03/2020	29	15.00	KVAH	540.9	550.67	500	4885	4885	OK	OK	A
16499642	01/02/2020	01/03/2020	29	0.00	KVWH	374.64	383.11	500	4235	4235	OK	OK	A

Time of Day (TOD) Consumption (* only kVAh TODs are displayed)									
TOD	22:00-05:30	05:30-08:00	08:00-17:30	17:30-18:00	18:00-18:30	18:30-19:00	19:00-21:00	21:00-22:00	
Previous	164.75	34.66	203.47	24.26	19.58	16.74	54.86	22.55	
Current	169.3	35.98	204.18	24.6	19.96	17.12	56.28	23.21	
Unit	2275	660	355	170	190	190	710	330	

Details of Meter Existing on Date of Reading						
Meter No	Meter Make	MCO	Meter No	Meter Make		
			16499642	L & T		
Meter CT Ratio	Meter PT Ratio	Meter MF	Date	Meter CT Ratio	Meter PT Ratio	Meter MF
				1/1	11000/110	1
Line CT Ratio	Line PT Ratio	Over All MF	Effect On	Line CT Ratio	Line PT Ratio	Over All MF
				2500/5	11000/110	500

Arrears outstanding for the Financial year (₹₹)				Connection Details	
Description	Previous	Current	Total (₹)	Latest Applicable Tariff	Tariff Category
SOP Charges	0.00	-1138277.97	-1138277.97	6.65	HT-Industrial
F.S.A.	0.00	35649.50	35649.50		Supply Voltage(kV)
Surcharge	0.00	0.00	0.00		Metering Voltage(kV)
E. Duty	0.00	9816.00	9816.00		Sanctioned Load (kW)
M. Tax	0.00	40214.60	40214.60		Contract Demand(kVA)
Fixed Charges	0.00	1197282.13	1197282.13		Peak load exemption%
Excess Credit	0.00	0.00	0.00		Cons. Security (₹)
Total Arrear	0.00	144684.26	144684.26		Meter Security (₹)
					Meter Ownership

Details of charges for current cycle		Details of Amount Payable		Last Payment Details																																									
Description	Amount (₹)	Description	Amount (₹)	Amount(₹)																																									
Fixed Charges/ReConn FC	81041.07/0.00	Current Cycle Charges	120514.14	120865.00																																									
Energy Charges	32485.25	Arrears/Outstanding Dues	144684.26	799663011512																																									
Low Voltage Surcharge	0.00	Sundry Charges/Allowances	0.00/0.00	Receipt Date	14/12/2018																																								
Steel Furnace Surcharge	1465.50	Provisional /BR Adjustment	-142925.53	Mode of Payment	Cheque																																								
Fuel Surcharge Adjustment	1566.95	LPS Adjustment	0.00	<table border="1"> <thead> <tr> <th colspan="5">Previous Consumption Pattern</th> </tr> <tr> <th>Bill month</th> <th>(KWH)</th> <th>(KVAH)</th> <th>MDI</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>Sep-2019</td> <td>6690</td> <td>7355</td> <td>55</td> <td>OK</td> </tr> <tr> <td>Oct-2019</td> <td>9910</td> <td>11075</td> <td>65</td> <td>OK</td> </tr> <tr> <td>Nov-2019</td> <td>9775</td> <td>11190</td> <td>50</td> <td>OK</td> </tr> <tr> <td>Dec-2019</td> <td>5485</td> <td>6130</td> <td>40</td> <td>OK</td> </tr> <tr> <td>Jan-2020</td> <td>6405</td> <td>7435</td> <td>25</td> <td>OK</td> </tr> <tr> <td>Feb-2020</td> <td>6755</td> <td>7760</td> <td>20</td> <td>OK</td> </tr> </tbody> </table>		Previous Consumption Pattern					Bill month	(KWH)	(KVAH)	MDI	Status	Sep-2019	6690	7355	55	OK	Oct-2019	9910	11075	65	OK	Nov-2019	9775	11190	50	OK	Dec-2019	5485	6130	40	OK	Jan-2020	6405	7435	25	OK	Feb-2020	6755	7760	20	OK
Previous Consumption Pattern																																													
Bill month	(KWH)	(KVAH)	MDI			Status																																							
Sep-2019	6690	7355	55			OK																																							
Oct-2019	9910	11075	65			OK																																							
Nov-2019	9775	11190	50	OK																																									
Dec-2019	5485	6130	40	OK																																									
Jan-2020	6405	7435	25	OK																																									
Feb-2020	6755	7760	20	OK																																									
Reliability Charges	0.00	Other Non-Energy Charges	0.00	<p>In case bill is not paid within 7 days of due date the supply shall be liable to be disconnected without any further notice.</p> <p>Date from which bill other than "OK" is being issued: Reason:</p>																																									
PLV Charges	1230.00	Net Payable Amount On Or Before Due Date(₹)	122273.00																																										
Penalty for exceeding the CD	0.00	Surcharge(₹)	1098.00																																										
Meter Service Charges	0.00	Gross Amount Payable After Due Date(₹)	123371.00																																										
Service line Charges	0.00	Brief details of Sundry charges /allowances																																											
Electricity Duty	423.50	12114HC-59246..04/CBO																																											
Municipal Tax	2301.87																																												
<b>Total Current Cycle Charges(₹)</b>	<b>120514.14</b>																																												

Cheque/DD to be drawn in favour of SDO F14-No. 4, DHBVN, FARIDABAD

**Important information for consumers:**  
Under Section-56 of EA-2003, the supply of electricity shall not be cut off if the consumer deposits, under protest, a) an amount equal to the sum claimed from him, or b) the electricity charges due from him for each month calculated on the basis of average charge for electricity paid by him during the preceding six months, whichever is less, pending disposal of any dispute between him and the licensee

Address and Telephone Number(s) of the authorities relating to consumers grievances		
Grievance pertaining to this bill can be lodged with	Address & Telephone number(s) of the	Address & Telephone number(s) of complaint centers
Assistant General Manager Operation - F14-No. 4	Consumer Grievance Redressal Forum Vidyut Sadan, Vidyut Nagar, Hisar 125005	Ombudsman HERC, Sec-4, Bays No. 33-36, Panchkula, Haryana Email ID : eo@nic.in Contact No. - +91(172) 2572299
		18001804334 (Toll Free) 1800 180 2124 (Vigilance Toll Free)

**ANNEXURE VII**  
**WATER BILL**

(M) : 9810348144  
(M) : 9582814901

# BALI WATER SUPPLIERS

Faridabad : Opp. Sector 21-D, Ankhir Village, Badhkal Main Road (Haryana)

No. **3363**

WATER SUPPLY VOUCHER

Cum Bill

Date **12/13/20**

Name of the party & Address **श्री एन पी एल 49**

No.	Time in	Time out	Tanker No.	Amount	Receiver's Signature
	8:55 AM	8:35 AM	HR-55 3589	5000 4750	ELAKH

Buyer's Signature

**For BALI WATER SUPPLIERS**  
*[Signature]*

(M) : 9810348144  
(M) : 9582814901

# BALI WATER SUPPLIERS

Faridabad : Opp. Sector 21-D, Ankhir Village, Badhkal Main Road (Haryana)

No. **2346**

WATER SUPPLY VOUCHER

Cum Bill

Date **12/03/20**

Name of the party & Address **J. S. T. Faridabad**

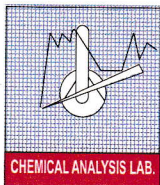
No.	Time in	Time out	Tanker No.	Amount	Receiver's Signature
	9:45	10:45	HR-63 B-0160	24000 LTR	<del>Amir Tanki</del>

Buyer's Signature

**For BALI WATER SUPPLIERS**  
*[Signature]*

**ANNEXURE VIII**  
**ENVIRONMENTAL MONITORING LAB REPORTS**





# CHEMICAL

## ANALYSIS LAB.

NABL ACCREDITED, ISO 9001:2015 CERTIFIED TESTING LABORATORY  
ISO/IEC : 17025:2005 | ISO 14001 | OHES

B-32, Shyam Park Ext.  
(Near Lal Chand School) Sahibabad  
Ghaziabad (NCR)  
Mob.: 9911777525, 8800646952  
Email: labchemi@yahoo.in

### TEST REPORT

**Description of Sample: - Treated Water for Construction**

**N.O.W :- Affordable Group Housing Colony**

**Collection From.:-Revenue Estate**

**Mewla Maharajpur ,Sector-45 Faridabad**

**Report No.: -CAL/W/76(04)/2020**

**Date of Report: -16/03/2020**

**Date of Analysis:13/03-16/03/2020**

**Date of Collection: -12/03/2020**

**Issued to: -**

**M/s Jotindra Steels and Tubes Ltd.**

Sr.No.	Parameters	Test Value	Max Permissible Limit as per IS: 456-2000 (Clau 5.4)	Method of Test
1	Requirement of 0.02 N-NaOH to neutralize 100ml. of water sample using phenolphthalein indicator	4.2	5.0 ml	IS-3025 (P22)-1986
2	Requirement of 0.02 N-H <sub>2</sub> SO <sub>4</sub> to neutralize 100ml of water sample using mixed indicator	21.5	25.0 ml	IS-3025(P-23)-1986
3	Organics, mg/l.	92	200	IS-3025(P-18)-1984
4	Inorganic, mg/l.	402	3000	IS-3025(P-16)-1984
5	Sulphate as SO <sub>3</sub> , mg/l	179	400	IS-3025(P-24)-1986
6	Chloride as Cl, mg/l	404	500 mg/l for RCC & 2000 mg/l for concrete Without embedded steel	IS-3025(P-32)-1988
7	pH	7.7	Not less than 6.0	IS-3025(P-11)-1983
8	Suspended matter, mg/l	89	2000	IS-3025(P-17)-1984

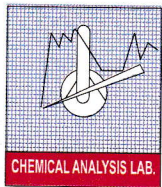
Authorized Signatory

Quality Manager



**Note:**

1. The result listed refer only to the tested samples and applicable endorsement of product is neither inferred nor implied.
2. Total liability of our Lab. is limited to the invoiced amount.



# CHEMICAL ANALYSIS LAB.

NABL ACCREDITED, ISO 9001:2015 CERTIFIED TESTING LABORATORY  
ISO/IEC : 17025:2005 | ISO 14001 | OHES

B-32, Shyam Park Ext.  
(Near Lal Chand School) Sahibabad  
Ghaziabad (NCR)  
Mob.: 9911777525, 8800646952  
Email: labchemi@yahoo.in

## TEST REPORT

**Description of Sample:-Noise(At the Boundary Project Site)**  
**N.O.W:-** Affordable Group Housing Colony

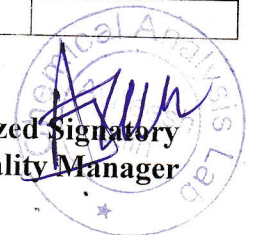
**Collection From :-** Revenue Estate  
Mewla Maharajpur ,Sector-45 Faridabad

**Report No.:-** -CAL/N/77(01)/2020  
**Date of Report:** -17/03/2020  
**Date of Analysis:** 14/03-17/03/2020  
**Date of Collection:** -13/03/2020

**Issued to: -**  
**M/s Jotindra Steels and Tubes Ltd**

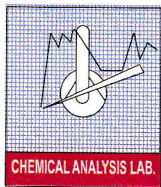
Sr.No.	Parameters	Units	Test Value	Requirement (as per CPCB Guidelines Limit in dB (A) Leq		
				Category of Area/Zone	Day Time	Night Time
1	Lday (6.0 am to 10.0 pm)	dB(A)	53.40	Industrial Area	75	70
				Commercial Area	65	55
2	Lnight (10.0 pm to 6.0 am)	dB(A)	42.22	Residential Area	55	45
				Silence Zone	50	40
3	Leq	dB(A)	48.38			
4	L <sub>10</sub>	dB(A)	46.77			
5	L <sub>50</sub>	dB(A)	53.64			
6	L <sub>90</sub>	dB(A)	45.96			
7	L <sub>max</sub>	dB(A)	55.70			
8	L <sub>min</sub>	dB(A)	38.15			

Authorized Signatory  
Quality Manager



### Note:

1. The result listed refer only to the tested samples and applicable endorsement of product is neither inferred nor implied.
2. Total liability of our Lab. is limited to the invoiced amount.



# CHEMICAL

## ANALYSIS LAB.

NABL ACCREDITED, ISO 9001:2015 CERTIFIED TESTING LABORATORY  
ISO/IEC : 17025:2005 | ISO 14001 | OHES

B-32, Shyam Park Ext.  
(Near Lal Chand School) Sahibabad  
Ghaziabad (NCR)  
Mob.: 9911777525, 8800646952  
Email: labchemi@yahoo.in

### TEST REPORT

**Description of Sample: -Noise( Within Project Site)**  
**N.O.W:- :- Affordable Group Housing Colony**

**Collection From :-** Revenue Estate  
Mewla Maharajpur ,Sector-45 Faridabad

**Report No.:-CAL/N/77(02)/2020**  
**Date of Report:-17/03/2020**  
**Date of Analysis:14/03-17/03/2020**  
**Date of Collection:-13/03/2020**

**Issued to :-**  
**M/s Jotindra Steels and Tubes Ltd**

Sr.No.	Parameters	Units	Test Value	Requirement (as per CPCB Guidelines Limit in dB (A) Leq		
				Category of Area/Zone	Day Time	Night Time
1	Lday (6.0 am to 10.0 pm)	dB(A)	54.24	Industrial Area	75	70
				Commercial Area	65	55
2	Lnight (10.0 pm to 6.0 am)	dB(A)	43.06	Residential Area	55	45
				Silence Zone	50	40
3	Leq	dB(A)	51.18			
4	L10	dB(A)	48.38			
5	L50	dB(A)	50.46			
6	L90	dB(A)	48.64			
7	Lmax	dB(A)	55.75			
8	Lmin	dB(A)	37.71			

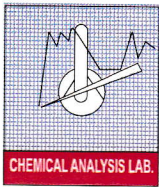
Authorized Signatory

Quality Manager



#### Note:

- The result listed refer only to the tested samples and applicable endorsement of product is neither inferred nor implied.
- Total liability of our Lab. is limited to the invoiced amount.



# CHEMICAL

## ANALYSIS LAB.

NABL ACCREDITED, ISO 9001:2015 CERTIFIED TESTING LABORATORY  
ISO/IEC : 17025:2005 | ISO 14001 | OHES

B-32, Shyam Park Ext.  
(Near Lal Chand School) Sahibabad  
Ghaziabad (NCR)  
Mob.: 9911777525, 8800646952  
Email: labchemi@yahoo.in

### TEST REPORT

**Description of Sample:- Ambient Air**  
**N.O.W.:- Affordable Group Housing Colony**  
**Collection From: - Revenue Estate**  
Mewla Maharajpur ,Sector-45 Faridabad  
**Issued to: -**  
M/s Jotindra Steels and Tubes Ltd

**Report No.:- CAL/A/77(04)/2020**  
**Date of Report: -17/03/2020**  
**Date of Analysis: 14/03-17/03/2020**  
**Date of Collection: -13/03/2020**

Sr.No.	Parameters	Units	Test Value	Limits as per Environment (Protection) Act.	Method of Reference
1	Particular Matter(PM <sub>10</sub> )	µg/m <sup>3</sup>	159.41	100	IS 5182:(Part-23)
2	Particular Matter(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	120.25	60	CPCB Volume-1
3	Sulphur Dioxide	PPM	20.36	80	IS 5182:(Part-2)
4	Nitrogen Dioxide	PPM	28.06	80	IS 5182:(Part-4)
5	Carbon Monoxide	PPM	0.73	4	IS 5182:(Part-10)
6	Lead (as Pb)	PPM	0.047	1	IS 5182:(Part-22)
7	Ozone (as O <sub>3</sub> )	PPM	50.76	180	IS 5182:(Part-9)
8	Benzene (as C <sub>6</sub> H <sub>4</sub> )	PPM	0.50	5	IS 5182:(Part-11)
9	Benzo (a) Pyrien	PPM	N.D.	1	IS 5182:(Part-11)
10	Ammonia (as NH <sub>3</sub> )	PPM	<50.0	400	APHA-AIR-402
11	Nickel (as Ni)	PPM	N.D.	20	APHA-AIR-420
12	Arsenic (as As)	PPM	N.D.	6	APHA-AIR-302

**Remark:-**with respect to the above test sample does not complies with specification

**N.D.:- Not Detected**

Authorized Signatory

Quality Manager



#### Note:

1. The result listed refer only to the tested samples and applicable endorsement of product is neither inferred not implied.
2. Total liability of our Lab. is limited to the invoiced amount

**ANNEXURE IX**  
**SEWER LINE CONNECTION PERMISSION**

**Office of the Executive Engineer, HSVP Division No.2, Faridabad**  
**HSVP Office Complex, Sector-12, Faridabad**  
**Tel. + Fax: 0129- 2282183 E-mail:xenhuda2.fbd@gmail.com**

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To

M/s. Jotindra Steel & Tubes Limited  
14/3, Mathura Road, Sector-45,  
Faridabad

Memo. No. 4128

Dated:- 5-2-18

Sub:-

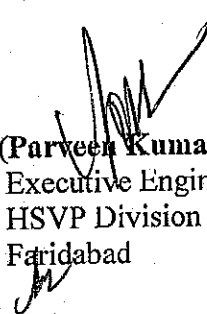
To apply for permission of sewage connection and disposal of surplus treated into HSVP Sewer line for Affordable Group Housing Project located at Village Mewla Maharajpur, Sector-45, Faridabad, Haryana by Jotindra Steel and Tubes Limited.

Ref:-

Your office letter dated 29.04.2019 on the subject cited above.

It is intimated that HSVP Sewer line will take the discharge of 210 KLD of your subject cited Group Housing Project located at Village Mewla Maharajpur, Sector-45, Faridabad.

This is for your information and necessary action please.

  
(Parveen Kumar)  
Executive Engineer  
HSVP Division No.2  
Faridabad

**ANNEXURE X**  
**ECBC REPORT**

**ECBC 2017 Compliance**  
**Affordable Group Housing by M/S JOTINDRA**  
**STEELS AND TUBES PVT. LTD. at Sector 45,**  
**Faridabad, Haryana**

Climate Zone: Composite

Case: ECBC Compliant

Compliance Approach: Prescriptive and Envelope Trade-off



# ECBC Compliance and Energy Conservation

## Section 4 - Building Envelope

Sr. No.	Building Envelope Component	ECBC Prescriptive Compliance	Proposed
1	Roof	U = 0.33 W/sqm K (max) ;	Reflective paint + 20 mm external plaster + 75 mm XPS insulation + Waterproofing+ 150 mm RCC + putty finish  U = 0.31 W/sqm K;
2	External Wall	U = 0.40 W/sqm K (max)	25 mm plaster + 200 mm AAC Block + 20 mm internal plaster + putty + paint  U = 0.68 W/sqm K. This value is far better than usual construction practice where U Value is 2/sqmK
3	Fenestration	U : 3.0 W/sqm K (max) Max SHGC North for lat $\geq 15^\circ\text{N}$ : 0.5 Max SHGC Non-North: 0.27 VLT = 0.27 (min) Max WWR is 40% if no tradeoff	Single glazed Aluminium /UPVC windows to be used in project  U = 5.4 W/sqm K, SHGC = 0.26, VLT = 0.33

# ECBC Compliance and Energy Conservation

## Section 5 – Comfort Systems and Controls

Sr. No.	Component	ECBC Prescriptive Compliance	Proposed
1	Ventilation	Mechanical Ventilation	<p>The openings are conducive to the wind availability and the operable area is more than 20 % of the floor area for all habitable spaces.</p> <p>The Liv-Kit-Din design facilitates cross-ventilation required for warm and humid climate.</p> <p>The window positions fulfil the recommended sill levels to ensure air movement at critical height within a space. This shall ensure better perception of thermal comfort and reduce use of fans and AC's</p>
2	Service Water Heating	Solar water heating	Not provided

# ECBC Compliance and Energy Conservation

## Section 5 – Comfort Systems and Controls

Sr. No.	Component	ECBC Prescriptive Compliance	Proposed
3	Pumps	Min Efficiency 70%	Efficiency 78%
4	Cooling Towers		NA
5	Economizers		NA
6	Controls		NA
7	Energy Recovery		NA

# ECBC Compliance and Energy Conservation

## Section 6 – Lighting and Controls

Sr. No.	Lighting	ECBC Prescriptive Compliance	Proposed
1	Lighting Controls	Scheduled based lighting controls or Occupancy based lighting controls to be provided	These are residential buildings so they are 24 hour use building. Hence lighting controls are not required. However common area and outdoors lights will be switched off in the morning and on in the evening to ensure there is no wastage of electricity.
2	Interior Lighting Power	LPD to be less than 9.5 W/sqm for Hotels by Building Area Method mentioned in ECBC 2017`	LED lights installed will reduce the LPD to 8.9. They have a Light Output Ratio more than 7.5
3	Exterior Lighting Power	Building entrance (with canopy): 10 W/sqm of canopy area Building exit: 60 W/linear m of door width Building façade: 5.0 W/m <sup>2</sup> of vertical façade area Pedestrian walkways: 2.0 W/m <sup>2</sup> Stairways: 10.0 W/m <sup>2</sup> Landscaping: 0.5 W/m <sup>2</sup>	Building entrance (with canopy): 9 W/sqm of canopy area Building exit: 58 W/linear m of door width Building façade: 4.8 W/m <sup>2</sup> of vertical façade area Pedestrian walkways: 1.9 W/m <sup>2</sup> Stairways: 9.5 W/m <sup>2</sup> Landscaping: 0.49 W/m <sup>2</sup>

# ECBC Compliance and Energy Conservation

## Section 7 – Electrical and Renewable Energy Systems

Sr. No.	Component	ECBC Prescriptive Compliance	Proposed
1	Transformers	Maximum Allowable losses as per ECBC	All transformers used in the project are energy efficient and comply with ECBC norms.
2	Energy Efficient Motors	Minimum Efficiency as per ECBC	All the motors used by pumps proposed in the project are energy efficient and comply with ECBC norms.
3	Diesel Generator (DG) Sets	BEE star rated DG sets shall be used in all compliant buildings.	We are using BEE 3 Star rated DG sets
4	Check-Metering and Monitoring	At Building mains, installed meters must be capable of monitoring Energy use (kWh), Energy Demand (kW) and total Power Factor on an hourly basis.	Meter installed at building mains is capable of monitoring Energy use (kWh), Energy Demand (kW) and total Power Factor on an hourly basis.

# ECBC Compliance and Energy Conservation

## Section 7 – Electrical and Renewable Energy Systems

Sr. No.	Component	ECBC Prescriptive Compliance	Proposed
5	Power Factor Correction	All 3 phase shall maintain their power factor 0.97	Power Factor 0.97
6	Power Distribution Systems	Distribution losses do not exceed 3% of the total power usage	Less than 2.8% in the building
7	Uninterruptible Power Supply (UPS)	NA	
8	Renewable Energy Systems	All buildings shall have provisions for installation of renewable energy systems in the future on rooftops or the site.	More than 30% of roof area is left for renewable energy generation in future.

**ANNEXURE XI**  
**NEWSPAPER ADVERTISEMENT**

पुलिस और वन विभाग के अधिकारियों ने एक साथ मिलकर एक बड़े पैमाने पर अभियान चलाया...



### भ्रष्टाचारियों से लड़ना आसान नहीं : स्मृति

श्री अशोक कुमार शर्मा ने कहा कि भ्रष्टाचार से लड़ना आसान नहीं है। उन्होंने कहा कि भ्रष्टाचारियों को पकड़ना और सजा देना एक बड़ा चुनौतीपूर्ण काम है।

### भाजपा के विचार ने देश में राजनीति के मायने बदले

विशेषज्ञों का मानना है कि भाजपा के विचारों ने देश में राजनीति के मायने बदले हैं। उन्होंने कहा कि भाजपा के विचारों ने देश में राजनीति के मायने बदले हैं।

### प्रारंभिकता से करें वयां जल संचयन

मुख्य सचिव का कहना है कि प्रारंभिकता से वयां जल संचयन शुरू किया जाए। उन्होंने कहा कि प्रारंभिकता से वयां जल संचयन शुरू किया जाए।

### कांग्रेस ने 22 सीटों पर बेची टिकटें, जल्द करुंगा खुलासा

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

कांग्रेस पार्टी ने 22 सीटों पर टिकटें बेची हैं। जल्द ही करुंगा खुलासा।

SHREE HOMES logo and tagline: PREMIUM LOCATION, AFFORDABLE LIVING

SECTOR 45, FARIDABAD SHREE HOMES (UNIT OF JSTL) 14/3 Mathura Road, Sector-45, Faridabad, Haryana-121003

Email: info@sarvome.com | Web: www.sarvome.com | Mobile: 97161-97161

### NOTICE

M/s Jotindra Steel and Tubes Ltd. are pleased to inform that the "Shree Homes" has been accorded with the Environmental Clearance from State Environment Impact Assessment Authority, Haryana, Bay No. 55-58, Prayatan Bhawan, Sector-2, Panchkula. The copy of clearance letter SEIAA/HR/2019/272 is available on our website and website of MoEFCC.

SHREE HOMES (UNIT OF JSTL) advertisement with contact details and a notice regarding environmental clearance.

Advertisement for 'केंद्रीय विद्यालय' (Central School) and other educational institutions.



**ANNEXURE XII**  
**CER PLAN**

### **Corporate Environmental Responsibility (CER):**

**Introduction:** Sustainable development has many important facets/components like social, economic, environmental, etc and these components are closely interrelated and mutually reinforcing. The general structure of EIA document, prescribes inter-alia public consultation, social impact assessment and R&R action plan besides environment management plan (EMP). The Corporate Environmental Responsibility incorporates the infrastructure creation for drinking water supply, sanitation, health, education, skill development, roads, cross drains, electrification including solar power, solid waste management facilities, scientific support and awareness to local farmers to increase yield of crop and fodder, rain water harvesting, soil moisture conservation works, avenue plantation, plantation in community areas, etc.

On 1<sup>st</sup> may 2018, the Ministry of Environment, Forest & Climate change issued an Office Memorandum F.No.22-65/2017-IA.III to suggest a common principal for affixing the corporate environmental responsibility for Greenfield as well as Brownfield projects. It also involves the projects which are not governed by Section 135 of the Companies Act, 2013 or yet to make any net profit.

As per Ministry of Environment, Forest & Climate change Office Memorandum F.No.22-65/2017-IA.III dated 1<sup>st</sup> may 2018 the maximum percentage of fund allocation for CER is prescribed as follows.

<b>S/n</b>	<b>Capital Investment / Additional Capital Investment (In Rs)</b>	<b>Greenfield Project- % of Capital Investment</b>	<b>Brownfield Project- % of Additional Capital Investment</b>
I	II	III	IV
1	≤ 100 crores	2.0 %	1.0 %
2	> 100 crores to ≤ 500 crores	1.5 %	0.75 %
3	> 500 crores to ≤ 1000 crores	1.0 %	0.50 %
4	> 1000 crores to ≤ 10000 crores	0.5 %	0.25 %
5	> 10000 crores	0.25 %	0.125 %

Source: MoEF & CC OM F.No.22-65/2017-IA.III, dated 1<sup>st</sup> may 2018

**Proposed CER:** The Affordable Group Housing Colony at Revenue estate of Village Mewla Maharajpur, Sector 45 Faridabad Haryana is a Greenfield project and has Total Project cost of Rs 275/- Crore. The CER cost of the Greenfield project comes about Rs 4.125 /- Crore. The proponent M/s Jotindra Steel & Tubes Limited proposes a budget of about Rs 4.125/- Crore to fulfil its corporate environmental responsibility (CER).

**Steps for CER Implementation:**

The CER programme will be implemented in the following steps

1. Floating of RFP/tender for CER implementation
2. Finalization of CER implementation organisation
3. Memorandum of Understanding and award of CER Project
4. Monitoring & Evaluation
5. Reporting

**CER Implementation Area:** Contribution to CM relief fund @ 50 % of CER cost as per SEAC recommendation; Solar power Lights in village commons; Preparation of Cowshed along with provision of fodder; preparation of toilets; Tree plantation in village commons; Providing Free medicine to the economically weaker section in village etc.

- 1 Mevala Maharajpur
- 2 Ekta Vihar

**CER Programme:** The important CER Programme includes following.

1. Contribution to CM relief fund @ 50 % of CER cost as per SEAC recommendation;
2. Solar power Lights in village commons;
3. Preparation of Cowshed along with provision of fodder;
4. Preparation of toilets;
5. Tree plantation in village commons;
6. Providing Free medicine to the economically weaker section in village

**Details of Programme:**

**Contribution to CM relief fund @ 50 % of CER cost as per SEAC recommendation:** As per SEAC recommendation in its 184<sup>th</sup> meeting dated 15 July 2019, the proponent

**A- Plantation in Community Areas:** The plantation is must for climate amelioration and fresh air. The project proponent proposes to conduct the plantation drive (@ 2000





**Project: Affordable Group Housing Colony at Revenue estate of Village Mewla Maharajpur, Sector 45 Faridabad Haryana.**

**Corporate Environmental Responsibility**

**Promoted by: M/s Jotindra Steel & Tubes Limited**

The brief budget outline is as follows:

<b>S. No.</b>	<b>Activities</b>	<b>1st Year</b>	<b>2nd Year</b>	<b>3rd Year</b>	<b>4th Year</b>	<b>5th Year</b>	<b>Total cost (in lac)</b>
1	Plantation in Community Areas	0.0 /-	0.0 /-	10.0 /-	10.0 /-	10.0 /-	30.0 /-
2	Road Development & Repair	0.0 /-	0.0 /-	0.0 /-	50.0 /-	50.0 /-	100.0 /-
3	Medical Food & Shelter Programme	40.0 /-	40.0 /-	40.0 /-	40.0 /-	40.0 /-	200.0 /-
4	Water & Sanitation Programme (WATSAN)	10.0 /-	10.0 /-	10.0 /-	10.0 /-	10.0 /-	50.0 /-
5	Electrification Including Solar Power	0.0 /-	0.0 /-	10 /-	10 /-	12.5 /-	32.5 /-
<b>Total CER cost</b>		<b>50.0 /-</b>	<b>50.0 /-</b>	<b>70 /-</b>	<b>120/-</b>	<b>122.5/-</b>	<b>412.5/-</b>

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