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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
Bureau of Industrial Consultancy Services (BICS)
(Formerly Bureau of Industrial Consultancy and Research & Development) (BICARD)
Kukatpally, Hyderabad – 500 085 Telangana State (T.S), India

Dr. V. VENKATESWARA REDDY
M.Tech., Ph.D, MIE.
Professor of Civil Engineering
DIRECTOR & CHIEF ENGINEER

Ref: JNTU/BICS/PC-176/2022.
Date: 12-10-2022.
Receipt. No. 262.

C E R T I F I C A T E

This is to certify that the structural designs and drawings of the Proposed Structure **Industrial Building** consisting of **Cellar, Stilt + 4Upper floors. Plot No.15-B, Phase – I, M. N. Park** in Premises no: **Sy.No.230 to 243**, situated @ **Turkapally, Shamirpet Mandal, Medchal Malkajgiri District (T.S) of M/s. Crescentia Labs Pvt Ltd, T.S** have been verified and Proof Checked in conjunction with the Architectural drawings, latest relevant IS codes & standard Practices. The structural designs and drawings are satisfying the Provisions of all the relevant and latest IS Codes, NBC of India with respect to all the Loads, Load combinations, Design procedure, Safety & Serviceability. The structure is safe & stable and recommended to GHMC for approving the Structural designs.


DIRECTOR, BICS.
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JNT University Hyderabad
Kukatpally, Hyderabad-500 085.

Methodology of Proof Checking

I – Firstly the Design Basis Report is scrutinized and the material, loads and load combinations verified as per existing standards.

II – Later the Analysis models of the structure has been checked for:

- i). Loads coming on the structure is as per IS 875, and IS 1893 and as per the load combination specified in IS456 and as mentioned in the report submitted by the client.
- ii). Dimensions of members, Spans & length of members are cross checked with the values given in Architectural & Structural drawings.
- iii). Reanalysis of the structures has been carried out.
- iv). The structure has been checked for behavior under seismic load with the relevant load Combinations.
- v). Drift values obtained in the analysis are checked against permissible values and expansion joint width checked against Drift values obtained.

III The Structural drawings are verified for:

- 1). The reinforcement details of slabs, beams, columns & footings, max space of bars as per SP 34 of IS 456 and on actual Bending Moment & Shear Force.
- 2). The client / Consultant has made the necessary changes in drawings & designs and resubmitted them as per the structural safety, stability and detailing requirement of IS Codes – specified and based on our comments and discussion.
- 3). Verification of beams, slab, column and footing drawings including reinforcement detailing.
- 4). Specific Stampings and corrections have been made in the respecting drawings.


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Lr. No: JNTUH/BICS /PC - 176/2022

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To
M/s. Crescentia Labs Pvt. Ltd,
Plot.No.15-B, M.N.Park Phase –I,
Sy.No.230 to 243, Turkapally,
Shamirpet Mandal, Malkazgiri District,
Telangana.

Sir,

Sub: - Proof Checking of Multi-storied Industrial Building consisting of Cellar, Stilt + 4Upper floors of M/s. Crescentia Labs Pvt Ltd. at Plot No.15-B, Phase – I, M. N. Park in the Sy.No.230 to 243, situated @ Turkapally, Shamirpet Mandal, Medchal Malkazgiri District (T.S) of M/s. Crescentia Labs Pvt Ltd, T.S - Release of approved Drawings –Reg.

Ref:-Your Lr.No.Nil, Dated:04-10-2022.

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Please find herewith Proof Checked and approved Structural drawing certificate and methodology of proof checking of Industrial Building consisting of Cellar, Stilt + 4Upper floors of M/s. Crescentia Labs Pvt Ltd. at Plot No.15-B Phase – I, M. N. Park in the Sy.No.230 to 243, situated @ Turkapally, Shamirpet Mandal, Medchal Malkazgiri District (T.S) The Project consists of

Industrial Building with Cellar, Stilt + 4Upper floors With a total built up area(BUA) of Lab Building -10,619.15 Sq. m - 114303 - Sq. ft.

This approval is given in good faith and is based on the information and clarifications provided by the consultants. This approval does not absolve the original designer and the consultants and the Contractor of their responsibility.

In case of any clarifications you may please contact us.

Thanking you,

Yours Sincerely,

DIRECTOR, BICS.


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Bureau of Industrial Consultancy Services (BICS)
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Kukatpally, Hyderabad-500 085.