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RESEARCH REPORT: RR 26096
(CSI # 05 31 13)

BASED UPON IAPMO U.E.S EVALUATION
REPORT No. ER-0277

REEVALUATION DUE

DATE: August 1, 2020
Issued Date: September 1, 2019
Code: 2017 LABC

GENERAL APPROVAL – Technical Modification – ComSlab Floor System

DETAILS

The above assemblies and/or products are approved when in compliance with the limitations, use, design, installation, description and identification of Evaluation Report No. ER-0277 issued June 10, 2016 and revised July 18, 2019 of the IAPMO Uniform Evaluation Services. The report, in its entirety, is attached and made part of this general approval.

The parts of the ES Report, ER-0277, which are excluded on the attached copy have been removed by the Los Angeles Building Department as not being included in this approval.

The approval is subject to the following conditions:

1. The ComSlab floor system shall be installed in accordance with this report, the 2017 Los Angeles Building Code and the manufacture's published installation instructions. If there is a conflict between the manufacturer's installation instructions and this report, the more restrictive shall take precedence.
2. Use of the ComSlab floor system as part of the lateral force resisting system is beyond the scope of this approval.

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3. Fire-resistant properties and acoustical properties of ComSlab deck assembly have not been evaluated and are beyond the scope of this approval.
4. Calculations and details demonstrating compliance with this approval and attached evaluation report shall be submitted to the Structural Plan Check Section of the Permit and Engineering Bureau for review. The calculations and detail drawings shall be prepared, signed and sealed by a licensed structural or civil engineer or architect registered in the State of California.
5. Continuous and periodic special inspection for concrete and concrete reinforcement shall be in accordance with Section 1705.3 of the 2017 Los Angeles Building Code.
6. Periodic special inspection for steel decks shall be in accordance with Section 1705.2.2 of the 2017 Los Angeles Building Code.
7. The fasteners used in the ComSlab deck assembly shall comply with Section 4.6 of attached evaluation report, ER-0277
8. Each bundle of decking is marked with labels with the Bailey Metal Products Limited name, the deck type, the minimum base-metal thickness (uncoated), minimum specified yield strength, the Evaluation Report No. 0277 and the Los Angeles Research Report (LARR) No. 26096.

DISCUSSION

The Technical Modification is to add CS120 Comslab deck system to the approval. This report is in compliance with the 2017 City of Los Angeles Building Code.

The approval is based on data in accordance with IAPMO UES EC 007-2015, Evaluation Criteria for Steel Composite, Non-Composite and Roof Deck Construction.

Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

This general approval will remain effective provided the Evaluation Report is maintained valid and unrevised with the issuing organization. Any revisions to the report must be submitted to this Department, with appropriate fee, for review in order to continue the approval of the revised report.

Bailey Metal Products, Ltd
Re: ComSlab Floor System

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this approval have been met in the project in which it is to be used.

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Attachment: IAPMO UES Evaluation Report No. ER-0277 (41 pages)