

**BEFORE THE ELEVATOR SAFETY BOARD
STATE OF ARKANSAS**

**IN RE: THYSSENKRUPP ELEVATOR CORPORATION
 EVOLUTION 200 SERIES**

ORDER

This matter comes before the Elevator Safety Board on Thursday, March 15, 2018.

ThyssenKrupp Elevator Corporation (Petitioner) was present and represented by John Stockstill, Codes and Standards, ThyssenKrupp. The Arkansas Department of Labor was represented by counsel, Denise Oxley, and by Greg Tipton, Chief Elevator Inspector, Department of Labor. The petitioner seeks a new technology variance. The board makes the following findings of fact and conclusions of law.

FINDINGS OF FACT:

1. The petitioner submitted a variance request on January 22, 2018 for approval to install their Evolution 200 series of elevators.
2. The Evolution 200 is a machine and or room-less noncircular elastomeric coated steel suspension traction elevator using the TAC32T controller. The system installs the traction machinery in the top of the hoistway and the elevator controller accessible in a machine room, control room or at the top landing.
3. An LCD display with pushbuttons is collocated with the controller to provide inspection operation and testing.
4. Mr. Stockstill testified that the Evolution 200 series is engineered and designed to be code compliant to the ASME A17.1-2010; -2013; and -2016 Safety Code for Elevators and

Escalators, as well as ASME A17.6-2010 Standard for Elevator Suspension, Compensation, and Governor Systems.

5. The board's administrative rules establish ASME A17.1-2007 as the minimum standards for new construction.

6. Mr. Tipton testified that he had reviewed the specifications on the Evolution 200 series and had travelled to ThyssenKrupp's test tower to view operation and ask questions. He testified that to the best of his knowledge the product is compliant with ASME A17.1-2013, which is the standard he utilized in his review.

7. Mr. Tipton recommended that the board grant the variance.

CONCLUSIONS OF LAW:

8. Ark. Code Ann. § 20-24-106(d) provides that "[t]he board shall also have the power in any particular case to grant exceptions and variations which shall only be granted where it is clearly evident that they are necessary in order to prevent undue hardship or where the existing conditions prevent compliance with the literal requirements of the rules and regulations. In no case shall any exception or variation be granted unless, in the opinion of the board, reasonable safety will be secured thereby."


9. In the present case the board concludes that an undue hardship exists. Certainly, a manufacturer utilizing the latest technology and in compliance with the latest ASME Code for Elevators, should not be held to the ASME A17.1-2007.

10. The board concludes that reasonable safety is secured by compliance with the more recent A17.1 Code.

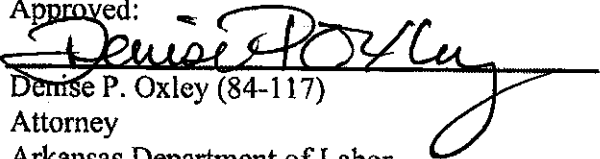
THEREFORE, the board grants ThyssenKrupp Elevator Corporation a variance to install the Evolution 200 series in Arkansas provided such installations comply with ASME A17.1-2013.

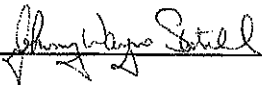
IT IS SO ORDERED.

ELEVATOR SAFETY BOARD
STATE OF ARKANSAS

By: 
Leon Jones, Jr., Chairman

DATE: 3-20-18

Approved: 
Denise P. Oxley (84-117)
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