



Service Information

File In/With: 201.28-NM1.1

SI0310

New

1215

Equipment Affected: YVAA

Replacement Instructions for the Elkhart Reducer Tee on 170mm Compressor

BACKGROUND

On YVAA units built before November 2014, 170mm compressor circuits have experienced discharge line cracks on the reducer tee. These cracks primarily occurs on circuit 1.

Discharge line cracks at the reducer tee may be caused by:

- Liquid return vibration
- Compressor vibration issues
- Compressor check valve issue (backspin)
- Pipe bracing strain
- Loose brace
- Faulty tee

SOLUTION

Using proper procedures, replace both reducer tees with a Mueller straight tee and bushing.

Work on this equipment should only be done by properly trained personnel who are qualified to work on this type of equipment. Failure to comply with this requirement could expose the worker, the equipment and the building and its inhabitants to the risk of injury or property damage.

The instructions on this service information letter are written assuming the individual who will perform this work is a fully trained HVAC & R journeyman or equivalent, certified in refrigerant handling and recovery techniques, and knowledgeable with regard to electrical lock out/tag out procedures. The individual performing this work should be aware of and comply with all Johnson Controls, national, state and local safety and environmental regulations while carrying out this work. Before attempting to work on any equipment, the individual should be thoroughly familiar with the equipment by reading and understanding the associated service literature applicable to the equipment. If you do not have this literature, you may obtain it by contacting a Johnson Controls Service Office.

Should there be any question concerning any aspect of the tasks outlined in this bulletin, please consult a Johnson Controls Service Office prior to attempting the work. Please be aware that this information may be time sensitive and that Johnson Controls reserves the right to revise this information at any time. Be certain you are working with the latest information.