DIVISION 15 - MECHANICAL

Section 15530 - Refrigerant Piping and Specialties

Introduction

Piping and specialties associated with:

  REFRIGERANT SYSTEMS

Part 1 - General

- Do not use pre-charged line sets (e.g. Aero Equip.)

Part 2 - Products

- Pipe Schedule - Above grade

<table>
<thead>
<tr>
<th>Service</th>
<th>Size</th>
<th>Pipe</th>
<th>Fittings</th>
<th>Joints</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigerant</td>
<td>All</td>
<td>Type 'L' ACR</td>
<td>Wrought Copper</td>
<td>15% Silver Solder</td>
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- Use long radius fittings only

Part 3 - Execution

- Workmanship
  - Install per ASHRAE standards

- Installation
  - Provide isolation valves between split system components.
  - Provide nitrogen purge during soldering.
  - The U of A reserves the right to cut into any two fittings to confirm the use of nitrogen purge.
  - Support piping every 6 feet.
  - Provide line size trap every 25 feet of vertical lift.
  - Provide a liquid line filter drier before any expansion valve.
  - Provide suction line filter drier before compressor.
  - Provide Shraeder valves on suction and liquid line and across filter driers.

End of Section 15530