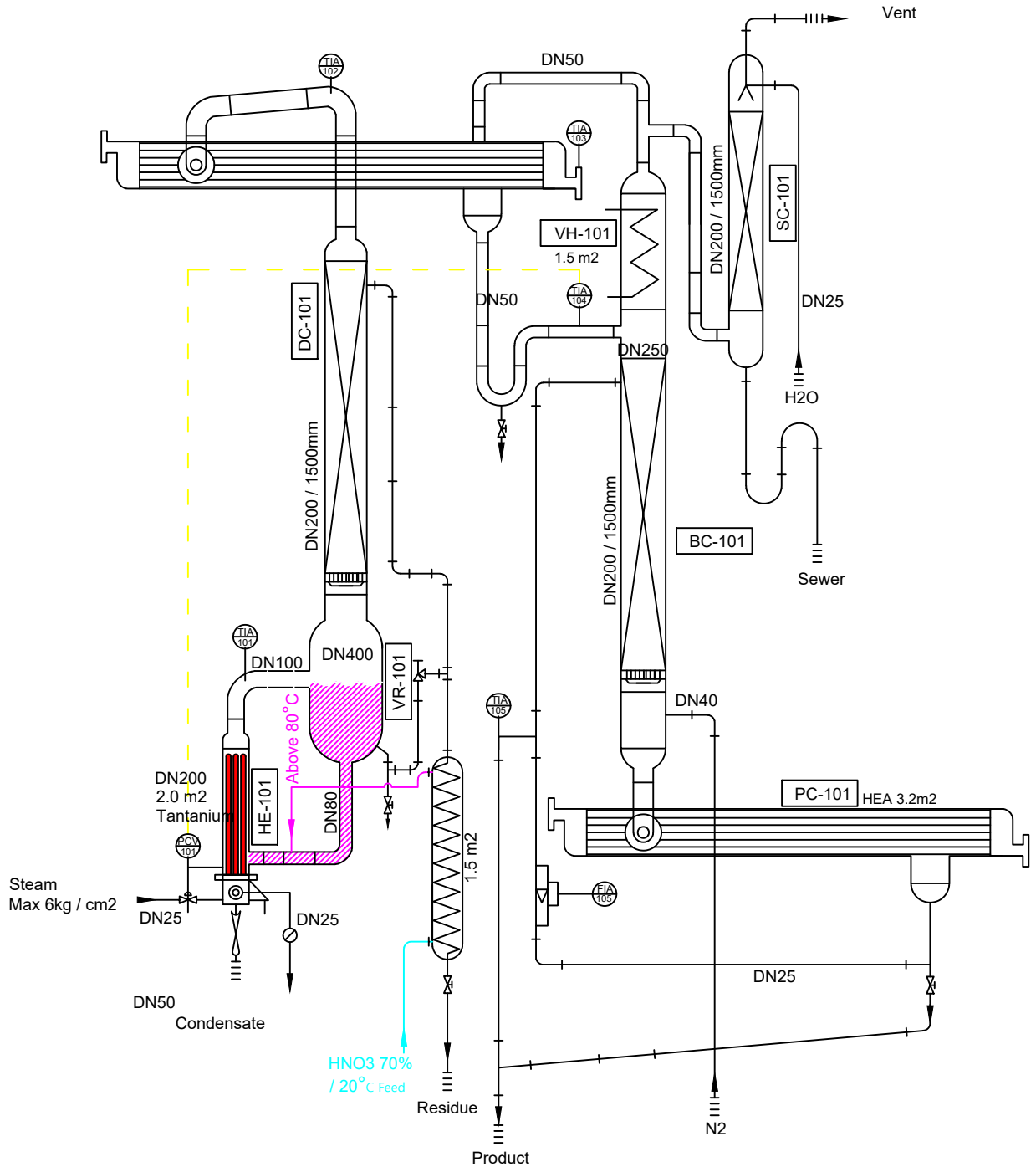


**HNO<sub>3</sub> Purifction Process**  
 Production amount : 500kg /H  
 Residue : 2% fo input amount



|   |  |  |  |   |   |
|---|--|--|--|---|---|
| <b>HE-101</b><br>Multitube bayonet heater<br>2.0 m2 / tantalum<br>Steam bar | <b>VR-101</b>  | <b>BC-101</b><br>PTFE packed column<br>bleaching tower<br>DN200 / 1500mm | <b>MH-101</b><br>Main condenser<br>S&T heat exchanger<br>HEA 6.3m2 | <b>DC-101</b><br>Demister column<br>PTFE packed column<br>DN 200 / 1500mm | <b>PCV-101</b><br>Stem control valve<br>Stem max 7bar |
| <b>SC-101</b><br>Glass packed column<br>Scrubber<br>DN 150 / 1500mm         | <b>VH-101</b><br>Vent condenser<br>Coil heat exchanger<br>HEA 1.5 m2 / DN200 | <b>PC-101</b><br>Product cooler<br>S&T heat exchanger<br>HEA3.2m2        | <b>FIA-101</b><br>Flow meter<br>product flow control               | <b>PC-101</b><br>Product cooler<br>S&T heat exchanger<br>HEA3.2m2         |   |