

<u>Title</u>	<u>Name</u>	<u>Approval Date</u>
NPB Project Manager	Howard Robinson	11/21/2017
ES&H Operations Manager	Lori Stiegler	11/21/2017
Quality Assurance Engineer	Joseph Zipper	11/21/2017

Serial No	Part No	Part Rev	ECN	Rev	ECN	Rev

Deviation & Waiver: _____

OP	Description	Name/Life #	Date	DR
10	Follow the ESH and PPE requirements for the area. Wear safety glasses, safety shoes and gloves for physical installation as applicable	J. BIANCAROSA 19194	1/25/18	

20	Verify measuring and test equipment used for this procedure contains a valid calibration label in accordance with NLS-II Calibration Procedure PS-QAP-0901, where applicable.	J. BIANCAROSA 19194	1/25/18	
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The technician is responsible for notifying the technical supervisor and/or the cognizant engineer of any discrepancies occurring during the performance of this procedure. All discrepancies shall be identified and reported in accordance with NLS-II Discrepancy Reporting Procedure PS-QAP-0002.

30	INSTALLATION	J. BIANCAROSA 19194	1/25/18	
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Verify the following vacuum switches have been installed:

- | | |
|--|--|
| <p>A CHAIN</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Switch#1 <input checked="" type="checkbox"/> Switch#2 <input checked="" type="checkbox"/> Switch#3 <input checked="" type="checkbox"/> Switch#4 <input checked="" type="checkbox"/> Switch#5 <input checked="" type="checkbox"/> Switch#6 <input checked="" type="checkbox"/> Switch#7 <input checked="" type="checkbox"/> Switch#8 <input checked="" type="checkbox"/> Switch#9 <input checked="" type="checkbox"/> Switch#11 | <p>B CHAIN</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Switch#1 <input checked="" type="checkbox"/> Switch#2 <input checked="" type="checkbox"/> Switch#3 <input checked="" type="checkbox"/> Switch#4 <input checked="" type="checkbox"/> Switch#5 <input checked="" type="checkbox"/> Switch#6 <input checked="" type="checkbox"/> Switch#7 <input checked="" type="checkbox"/> Switch#8 <input checked="" type="checkbox"/> Switch#9 <input checked="" type="checkbox"/> Switch#11 |
|--|--|



OP	Description	Name/Life #	Date	DR		
40	<p>OPERATIONAL BENCH TEST</p> <p>Verify operation of the following vacuum switches by venting each switch's cross and verifying output signal:</p> <table border="0"> <tr> <td style="vertical-align: top;"> <p>A CHAIN</p> <p><input checked="" type="checkbox"/> Switch#1</p> <p><input checked="" type="checkbox"/> Switch#2</p> <p><input checked="" type="checkbox"/> Switch#3</p> <p><input checked="" type="checkbox"/> Switch#4</p> <p><input checked="" type="checkbox"/> Switch#5</p> <p><input checked="" type="checkbox"/> Switch#6</p> <p><input checked="" type="checkbox"/> Switch#7</p> <p><input checked="" type="checkbox"/> Switch#8</p> <p><input checked="" type="checkbox"/> Switch#9</p> <p><input checked="" type="checkbox"/> Switch#11</p> </td> <td style="vertical-align: top;"> <p>B CHAIN</p> <p><input checked="" type="checkbox"/> Switch#1</p> <p><input checked="" type="checkbox"/> Switch#2</p> <p><input checked="" type="checkbox"/> Switch#3</p> <p><input checked="" type="checkbox"/> Switch#4</p> <p><input checked="" type="checkbox"/> Switch#5</p> <p><input checked="" type="checkbox"/> Switch#6</p> <p><input checked="" type="checkbox"/> Switch#7</p> <p><input checked="" type="checkbox"/> Switch#8</p> <p><input checked="" type="checkbox"/> Switch#9</p> <p><input checked="" type="checkbox"/> Switch#11</p> </td> </tr> </table>	<p>A CHAIN</p> <p><input checked="" type="checkbox"/> Switch#1</p> <p><input checked="" type="checkbox"/> Switch#2</p> <p><input checked="" type="checkbox"/> Switch#3</p> <p><input checked="" type="checkbox"/> Switch#4</p> <p><input checked="" type="checkbox"/> Switch#5</p> <p><input checked="" type="checkbox"/> Switch#6</p> <p><input checked="" type="checkbox"/> Switch#7</p> <p><input checked="" type="checkbox"/> Switch#8</p> <p><input checked="" type="checkbox"/> Switch#9</p> <p><input checked="" type="checkbox"/> Switch#11</p>	<p>B CHAIN</p> <p><input checked="" type="checkbox"/> Switch#1</p> <p><input checked="" type="checkbox"/> Switch#2</p> <p><input checked="" type="checkbox"/> Switch#3</p> <p><input checked="" type="checkbox"/> Switch#4</p> <p><input checked="" type="checkbox"/> Switch#5</p> <p><input checked="" type="checkbox"/> Switch#6</p> <p><input checked="" type="checkbox"/> Switch#7</p> <p><input checked="" type="checkbox"/> Switch#8</p> <p><input checked="" type="checkbox"/> Switch#9</p> <p><input checked="" type="checkbox"/> Switch#11</p>	AMS 19928	12/18/2017	
<p>A CHAIN</p> <p><input checked="" type="checkbox"/> Switch#1</p> <p><input checked="" type="checkbox"/> Switch#2</p> <p><input checked="" type="checkbox"/> Switch#3</p> <p><input checked="" type="checkbox"/> Switch#4</p> <p><input checked="" type="checkbox"/> Switch#5</p> <p><input checked="" type="checkbox"/> Switch#6</p> <p><input checked="" type="checkbox"/> Switch#7</p> <p><input checked="" type="checkbox"/> Switch#8</p> <p><input checked="" type="checkbox"/> Switch#9</p> <p><input checked="" type="checkbox"/> Switch#11</p>	<p>B CHAIN</p> <p><input checked="" type="checkbox"/> Switch#1</p> <p><input checked="" type="checkbox"/> Switch#2</p> <p><input checked="" type="checkbox"/> Switch#3</p> <p><input checked="" type="checkbox"/> Switch#4</p> <p><input checked="" type="checkbox"/> Switch#5</p> <p><input checked="" type="checkbox"/> Switch#6</p> <p><input checked="" type="checkbox"/> Switch#7</p> <p><input checked="" type="checkbox"/> Switch#8</p> <p><input checked="" type="checkbox"/> Switch#9</p> <p><input checked="" type="checkbox"/> Switch#11</p>					
50	Verify All Traveler Operations Complete	Chernov Jaye 06156	1/30/18			
60	REVISION HISTORY (This step is informational and does not require signoff)					

Rev - Description - Date
B First Release

