

COMMUNICATED TO A THIRD PARTY WITHOUT AUTHORISATION IN WRITING FROM NNE PHARMAPLAN INDIA LIMITED.
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SPARE PORT

FILTER CONNECTION

ADDITION PORT WITH S2S CONNECTION

TO VENT FILTER

4" DISC CLAMPED WITH TC

10 L W.V
12 L G.V

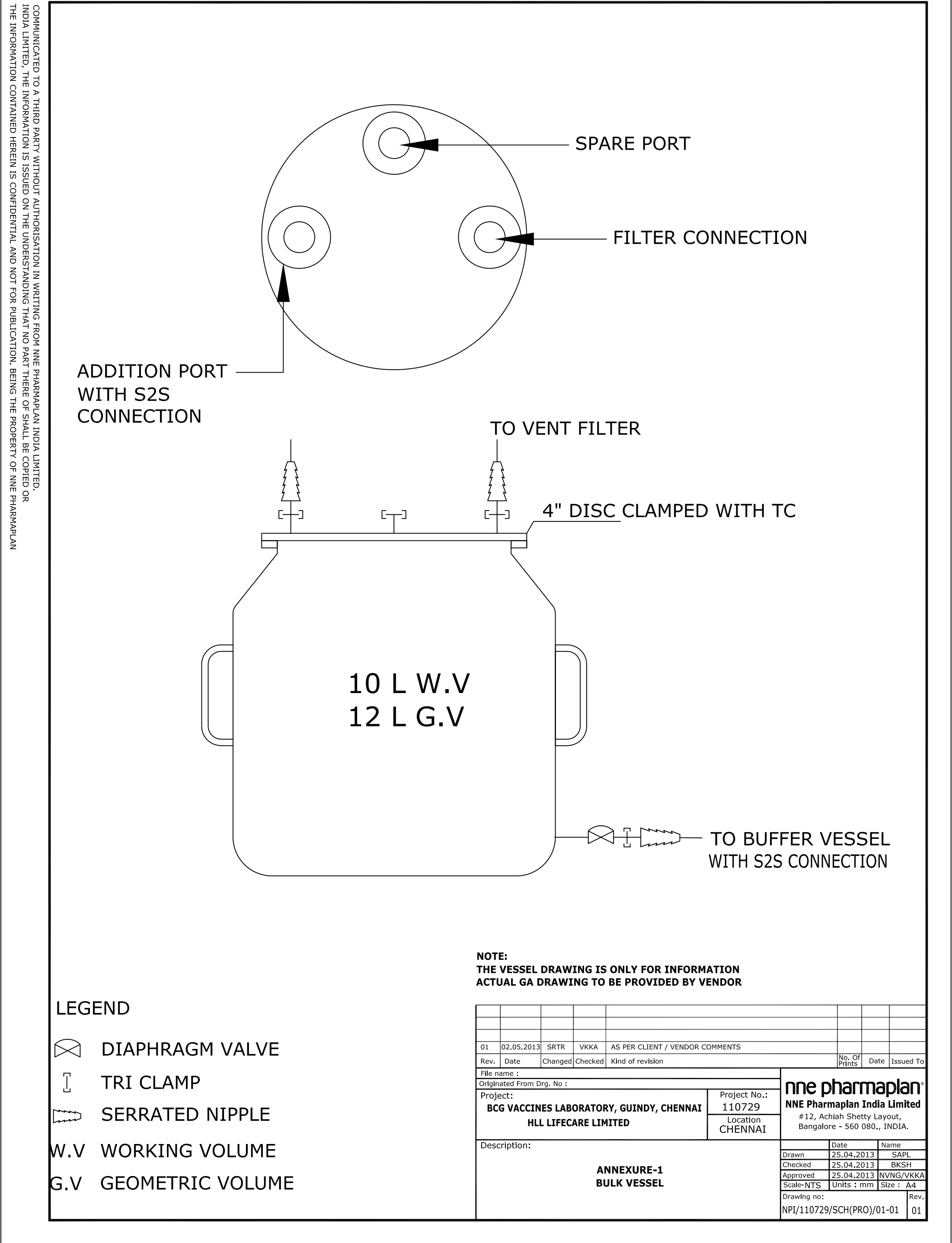
TO BUFFER VESSEL WITH S2S CONNECTION

NOTE:
THE VESSEL DRAWING IS ONLY FOR INFORMATION
ACTUAL GA DRAWING TO BE PROVIDED BY VENDOR

LEGEND

- DIAPHRAGM VALVE
- TRI CLAMP
- SERRATED NIPPLE
- W.V WORKING VOLUME
- G.V GEOMETRIC VOLUME

01	02.05.2013	SRTR	VKKA	AS PER CLIENT / VENDOR COMMENTS								
Rev.	Date	Changed	Checked	Kind of revision			No. Of Prints	Date Issued To				
File name :					nne pharmaplan® NNE Pharmaplan India Limited # 12, Achiah Shetty Layout, Bangalore - 560 080., INDIA.							
Originated From Drg. No :												
Project:		Project No.: 110729										
BCG VACCINES LABORATORY, GUINDY, CHENNAI		Location CHENNAI										
HLL LIFECARE LIMITED												
Description:					Date	Name						
ANNEXURE-1 BULK VESSEL					Drawn	25.04.2013	SAPL					
					Checked	25.04.2013	BKSH					
					Approved	25.04.2013	NVNG/VKKA					
					Scale-NTS	Units : mm	Size : A4					
					Drawing no:			Rev.				
					NPI/110729/SCH(PRO)/01-01			01				



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The diagram illustrates a bulk vessel with two main views:

- Top View:** Shows three circular ports labeled "SPARE PORT", "FILTER CONNECTION", and "ADDITION PORT WITH S2S CONNECTION".
- Side View:** Shows the vessel's profile with handles. The top flange features two "TO VENT FILTER" connections and a "4\" DISC CLAMPED WITH TC" connection. The bottom right has a "TO BUFFER VESSEL WITH S2S CONNECTION" outlet.
- Vessel Capacity:** Labeled as "10 L W.V" (Working Volume) and "12 L G.V" (Geometric Volume).

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LEGEND

- [Symbol] DIAPHRAGM VALVE
- [Symbol] TRI CLAMP
- [Symbol] SERRATED NIPPLE
- W.V WORKING VOLUME
- G.V GEOMETRIC VOLUME

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SPARE PORT

FILTER CONNECTION

ADDITION PORT WITH S2S CONNECTION

TO VENT FILTER

4" DISC CLAMPED WITH TC

10 L W.V
12 L G.V

TO BUFFER VESSEL WITH S2S CONNECTION

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LEGEND

- DIAPHRAGM VALVE
- TRI CLAMP
- SERRATED NIPPLE
- W.V WORKING VOLUME
- G.V GEOMETRIC VOLUME

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- SPARE PORT




FILTER CONNECTION

ADDITION PORT WITH S2S CONNECTION

TO VENT FILTER

4" DISC CLAMPED WITH TC

10 L W.V
12 L G.V

TO BUFFER VESSEL WITH S2S CONNECTION
- NOTE:**
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- LEGEND
-  DIAPHRAGM VALVE
 -  TRI CLAMP
 -  SERRATED NIPPLE
 - W.V WORKING VOLUME
 - G.V GEOMETRIC VOLUME
- | | | | | | | | | | | | | |
|---------------------------|------------|--|---------|---------------------------------|--|------------|---------------|----------------|--|--|--|--|
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| Project: | | Project No.: 110729 | | | | | | | | | | |
| | | BCG VACCINES LABORATORY, GUINDY, CHENNAI | | | Location | | CHENNAI | | | | | |
| | | HLL LIFECARE LIMITED | | | | | | | | | | |
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SPARE PORT

FILTER CONNECTION

ADDITION PORT WITH S2S CONNECTION

TO VENT FILTER

4" DISC CLAMPED WITH TC

10 L W.V
12 L G.V

TO BUFFER VESSEL WITH S2S CONNECTION

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