

# Pressure Test Certificate



UNIVERSITY OF ABERDEEN



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| <b>Customer: SMD Hydrovision Ltd.</b> |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |
|---------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Certificate Number</b>             |            | 08-006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |
| <b>Date</b>                           |            | 07-12-07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |
| <b>Purchase Order No</b>              |            | 60235                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |
| Item                                  | Equipment  | Description of Test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Final Pressure(Bar) |
| S/n.<br>112131-1                      | Pod vessel | <p>The item was placed in a high pressure vessel for hydrostatic pressure testing. The following sequences of pressure were applied.</p> <p><b>1 cycle of :-</b><br/> Ramp up from 0 bar to 500 bar<br/> Pressure hold at 500 bar for 10 minutes.<br/> Controlled ramp down from 500 bar to 400 bar.<br/> Pressure hold at 400 bar for 5 minutes.<br/> Controlled ramp down from 400 bar to 0 bar.</p> <p><b>8 cycles of :-</b><br/> Ramp up from 0 bar to 500 bar.<br/> Pressure hold at 500 bar for 1 minute.<br/> Controlled ramp down from 500 bar to 0 bar.<br/> Hold at 0 bar for 1 minute.</p> <p><b>1 cycle of :-</b><br/> Ramp up from 0 bar to 500 bar<br/> Pressure hold at 500 bar for 1 minute.<br/> Controlled ramp down from 500 bar to 400 bar.<br/> Pressure hold at 400 bar for 5 minutes.<br/> Controlled ramp down from 400 bar to 0 bar.</p> <p>The test item was removed from the pressure vessel.<br/> Visual inspection showed no influences of pressure were evident.</p> | 500                 |
| <b>Signature of Tester</b>            |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |
| <b>Name (Block Capitals)</b>          |            | HERBIE MITCHELL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     |