***Dead-Weight tester***

***Objective:***

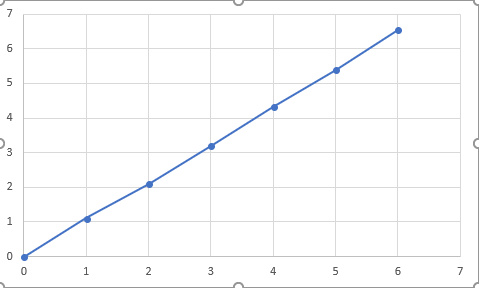
It is used to calibrated all kinds of pressure gauges such as industrial pressure gauges , engine indicators and piezoelectric transducers

By comparing pressure in the required calibrated device and the add weight on the primary piston

***Table of the observation and results:***

**Observation:**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Actual pressure*** |  | ***Indicated pressure*** |  |
| ***(kg/cm2)*** | ***Loading*** | ***Unloading*** | ***Average*** |
| ***0*** | ***0*** | ***0*** |  |
| ***1*** | ***1.1*** | ***1.1*** | ***1.1*** |
| ***2*** | ***2.1*** | ***2.1*** | ***2.1*** |
| ***3*** | ***3.2*** | ***3.21*** | ***3.2*** |
| ***4*** | ***4.4*** | ***4.25*** | ***4.325*** |
| ***5*** | ***5.4*** | ***5.4*** | ***5.4*** |
| ***6*** | ***6.5*** | ***6.6*** | ***6.55*** |

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