

**Testing Anvil for type N/Nr  
Concrete Test Hammers**

**CN670**

Impact Test Equipment Ltd  
[www.impact-test.co.uk](http://www.impact-test.co.uk) & [www.impact-test.com](http://www.impact-test.com)

User Guide  
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## **Before Testing**

- Operate the test hammer at least 3 times to ensure that it is working correctly.
- Check that the temperature is between 10°C and 35°C.
- Note the figure stamped on the anvil to check against the test hammer readings.
- Take readings using the test hammer against the test anvil to ensure that the readings obtained are within the specified tolerance for that test hammer.
- Keep a note of the readings obtained.

## **Testing**

1. Use the test hammer in accordance with the manufacturer's instructions.
2. Hold the test hammer at 90 degrees so that the piston will have a perpendicular impact on the surface being tested.
3. Gradually increase the pressure on the piston until the test hammer impacts on the surface and then read the value on the test hammer scale.
4. Take a minimum of 9 readings to get a reliable rebound figure.
5. Record the position and direction of the test hammer for each reading taken.
6. Ensure that the difference between two points of impact is no less than 25mm and that no reading is taken within 25mm of any edge.
7. Examine the surface of the test area after each reading and discount any readings obtained where the impact has broken or perforated the surface.

## **After Testing**

After all testing has been completed take readings against the anvil again. Compare these readings with those obtained before the test. If the results differ, check or calibrate the test hammer and repeat the test.