

Instructions to participant laboratories

Please read carefully these instructions **BEFORE** starting the tests.

1. Five specimen blanks (Ø30 x 130 mm) are supplied to each participant – 5 results must be provided.
2. The cylindrical specimens with a Kt 1.035 shall be machined according the EN 6072-2012 or ASTM E466-15.
Advised geometry: EN 6072 FCE 50 Type A or ASTM E466 Fig 3
3. The tests shall be performed respecting the following conditions:
 - One operator only
 - One testing machine only
 - Tests performed in sequence
4. The tests are to be performed in accordance with the requirements of EN 6072 (2012) or ASTM E466-15 and the below test conditions:

Temperature (°C)	22
Ratio	0.1
Wave form	Sinus
Imposed max stress (MPa)	360 MPa
N stop (cycles)	2 000 000

5. Each participant is required to determine and report the below information :

Life duration (Number of cycle)	To the nearest cycle
Diameter of the specimen (mm)	X, XX
Temperature (°C)	XX
Frequency (Hz)	XX or XXX

6. Testing may commence as soon as test specimens are received. All participant laboratories must supply results by 31st July 2017.
7. Instructions for submission of results are detailed on the website:

<https://ptpscheme.com>

8. To ensure the confidential treatment of your results in the final report, you will be allocated a unique identity number when you register for the program.