

ABSTRACT**METHOD FOR MONITORING THE CHANGE OVER TIME OF
A DEFECT IN A STRUCTURE**

An aspect of the invention concerns a method of monitoring a portion of an equipment
5 under pressure implementing a control station (100) configured to control at least one
ultrasonic non-destructive testing device (300) through a remote network (200), the
method comprising the following steps:

- A) the control station (100) sending a first measurement request to the non-destructive testing device (300);
- 10 - B) the control station (100) receiving a first plurality of measurement data (500) from the non-destructive testing device (300);
- C) the control station (100) constructing a first mapping of the portion (3) of the structure (1) from the first plurality of measurement data (500);
- D) the control station (100) sending a second measurement request to the
15 non-destructive testing device (300);
- E) the control station (100) receiving a second plurality of measurement data (500) from the non-destructive testing device (300);
- F) the control station (100) constructing a second mapping of the portion of the structure, from the second plurality of measurement data (500);
- 20 - G) the control station (100) comparing the first mapping and the second mapping.

Figure to publish along with the abstract: Figure 2