

## **ESIS Procedures and Documents** (free available for ESIS members at [www.structuralintegrity.eu](http://www.structuralintegrity.eu))

Two kinds of documents are produced by ESIS Technical Committees with the following designatory system: ESIS P2-92 or ESIS P4-92D, where:

1. P means 'Procedure', and 2 and 4 are the current numbers, while 92 is the year of issue.
2. D following the year (e.g.: 92D) means 'draft', i.e.: not yet approved, while
3. D prior to the year (e.g.: D1-92) means 'Document' other than test methods.

### **P1-92**

#### **ESIS RECOMMENDATIONS FOR DETERMINING THE FRACTURE RESISTANCE OF DUCTILE MATERIALS.**

Responsible body: TC1 Subcommittee on Fracture Mechanics Testing Standards.

### **P2-92**

#### **ESIS PROCEDURE FOR DETERMINING THE FRACTURE BEHAVIOUR OF MATERIALS.**

Responsible body: TC1 Subcommittee on Fracture Mechanics Testing Standards.

### **P3-03D**

#### **DRAFT UNIFIED PROCEDURE FOR DETERMINING THE FRACTURE BEHAVIOUR OF MATERIAL.**

Responsible body: TC1 Subcommittee on Fracture Mechanics Testing Standards (UNDER PREPARATION NOT AVAILABLE).

### **P4-92D**

#### **ESIS RECOMMENDATIONS FOR STRESS CORROSION TESTING USING PRE-CRACKED SPECIMENS.**

Responsible body: TC10 Committee on Environmental-Assisted Cracking.

### **P5-00/VAMAS**

#### **PROCEDURE FOR DETERMINING THE OF FRACTURE TOUGHNESS OF CERAMICS USING THE SEVNB METHOD.**

Responsible body: TC6 Committee on Ceramics.

### **P6-98**

#### **ESIS PROCEDURE TO MEASURE AND CALCULATE MATERIAL PARAMETERS FOR THE LOCAL APPROACH TO FRACTURE USING NOTCHED TENSILE SPECIMENS.**

Responsible body: TC8 Committee on Numerical Methods.

### **P7-00**

#### **ESIS PROCEDURE FOR DYNAMIC TENSILE TESTS.**

Responsible body: TC5 Subcommittee on Dynamic Testing at Intermediate Strain Rates.

### **P8-99D**

#### **ESIS DRAFT CODE OF PRACTICE FOR THE DETERMINATION AND INTERPRETATION OF CYCLIC STRESS-STRAIN DATA.**

Responsible body: TC11 Committee on High Temperature Mechanical Testing.

### **P9-02D**

#### **GUIDANCE ON LOCAL APPROACH OF RUPTURE OF METALLIC MATERIALS.**

(UNDER PREPARATION NOT AVAILABLE).

### **P10-02**

#### **A CODE OF PRACTICE FOR CONDUCTING NOTCHED BAR CREEP RUPTURE TESTS AND INTERPRETING THE DATA.**

Responsible body: TC11 High Temperature Mechanical Testing Committee.

### **P11-02**

#### **TECHNICAL RECOMMENDATIONS FOR THE EXTREME VALUE ANALYSIS OF DATA ON LARGE NONMETALLIC INCLUSIONS.**

Responsible body: TC20 Committee on Inclusions.

### **D1-92**

#### **FRACTURE CONTROL GUIDELINES FOR STRESS CORROSION CRACKING OF HIGH STRENGTH ALLOYS.**

Responsible body: TC10 Committee on Environmental Assisted Cracking.

### **D2-99**

#### **FRACTURE TOUGHNESS OF CERAMICS USING THE SEVNB METHOD; ROUND ROBIN, TEST PROGRAMME.**

The ESIS TC6 and VAMAS TWA3 developed a test method and conducted a round robin for its validation. D2-99 presents a detailed documentation of this activity. The final form of the test method has appeared as P5-00.

Responsible body: TC6 Committee on Ceramics.