



NEW WORK ITEM PROPOSAL	
Closing date for voting 2014-11-23	Reference number (to be given by the Secretariat)
Date of circulation 2014-08-23	ISO/TC 156 / SC N 5787
Secretariat SAC	<input type="checkbox"/> Proposal for new PC

A proposal for a new work item within the scope of an existing committee shall be submitted to the secretariat of that committee with a copy to the Central Secretariat and, in the case of a subcommittee, a copy to the secretariat of the parent technical committee. Proposals not within the scope of an existing committee shall be submitted to the secretariat of the ISO Technical Management Board.

The proposer of a new work item may be a member body of ISO, the secretariat itself, another technical committee or subcommittee, or organization in liaison, the Technical Management Board or one of the advisory groups, or the Secretary-General.

The proposal will be circulated to the P-members of the technical committee or subcommittee for voting, and to the O-members for information.

IMPORTANT NOTE: Proposals without adequate justification risk rejection or referral to originator.

Guidelines for proposing and justifying a new work item are contained in [Annex C of the ISO/IEC Directives, Part 1](#).

The proposer has considered the guidance given in the [Annex C](#) during the preparation of the NWIP.

Proposal (to be completed by the proposer)

Title of the proposed deliverable. <i>(in the case of an amendment, revision or a new part of an existing document, show the reference number and current title)</i>	
English title	Galvanic anodes for cathodic protection in seawater and saline mud
French title (if available)	Anodes galvaniques pour la protection cathodique dans l'eau de mer et les boues salines
Scope of the proposed deliverable. This European Standard specifies the minimum requirements and gives recommendations for the chemical composition, the electrochemical properties, the physical tolerances, and the test and inspection procedures for cast galvanic anodes of aluminium, magnesium and zinc based alloys for cathodic protection in sea water and saline mud. This European Standard is applicable to the majority of galvanic anodes used for seawater and saline mud applications, i.e. cast anodes of trapezoidal, "D", or circular cross section and bracelet type anodes. The general requirements and recommendations of this European Standard may also be applied to other anode shapes, e.g. half-spherical, button, etc., which are sometimes used for seawater applications.	

Purpose and justification of the proposal*

Due to worldwide business of most companies dealing with cathodic protection using galvanic anodes in marine environments it is necessary to harmonize the minimum requirements and recommendations for the chemical composition, the electrochemical properties, the physical tolerances, and the test and inspection procedures for cast galvanic anodes made of aluminium, magnesium or zinc based alloys for cathodic protection in sea water and saline mud.

Since there is no ISO standard in this field, AFNOR would like to implement EN 12496 as an EN ISO standard via the fast track procedure.

**The reason for requiring justification statements with approval or disapproval votes is primarily to collect input on market or stakeholder needs, and on market relevance of the proposal, to benefit the development of the proposed ISO standard(s). Any NSB vote in relation to a proposal for new work may result in significant commitments of resources by all parties (NSBs, committee leaders and delegates/experts) or may have significant implications for ISO's relevance in the global community. It is especially important that NSBs consider and express why they vote the way they do. In addition, it is felt that it would be useful for ISO and its committees to have documentation as to why the NSBs feel a proposal has market need and market relevance. Therefore, please ensure that your justifying statements with your approval or disapproval vote convey the reason(s) why your national consensus does or does not support the market need and/or global relevance of the proposal.*

If a draft is attached to this proposal,:

Please select from one of the following options (note that if no option is selected, the default will be the first option):

- Draft document will be registered as new project in the committee's work programme (stage 20.00)
 Draft document can be registered as a Working Draft (WD – stage 20.20)
 Draft document can be registered as a Committee Draft (CD – stage 30.00)
 Draft document can be registered as a Draft International Standard (DIS – stage 40.00)

Is this a Management Systems Standard (MSS)?

Yes No

NOTE: if Yes, the NWIP along with the Justification study (see Annex SL of the Consolidated ISO Supplement) must be sent to the MSS Task Force secretariat (tmb@iso.org) for approval before the NWIP ballot can be launched.

Indication(s) of the preferred type or types of deliverable(s) to be produced under the proposal.

International Standard Technical Specification Publicly Available Specification Technical Report

Proposed development track 1 (24 months) 2 (36 months - default) 3 (48 months)

Known patented items (see ISO/IEC Directives, Part 1 for important guidance)

Yes No If "Yes", provide full information as annex

A statement from the proposer as to how the proposed work may relate to or impact on existing work, especially existing ISO and IEC deliverables. The proposer should explain how the work differs from apparently similar work, or explain how duplication and conflict will be minimized.

There is no similar work existing in ISO.

A listing of relevant existing documents at the international, regional and national levels.

NACE SP 0387-2006, Metallurgical and inspection requirements for cast galvanic anodes for offshore application
 NACE RP 0492-2006, Metallurgical and inspection requirements for offshore pipeline bracelet anodes
 NACE TM 0190-98, Impressed current test method for laboratory testing of aluminium anodes
 U.S. MIL-A-18001-K (1993), Anodes, corrosion preventive, zinc
 N.C. 431 990 STCAN, Spécification technique provisoire des anodes normalisées en zinc de haute pureté.
 ASTM B 418-01 (2001), Cast and wrought galvanic zinc anodes for use in saline electrolytes
 ASTM G5-94 (2004), Standard Reference Test Method for Making Potentiostatic and Potentiodynamic Anodic Polarization Measurements
 ASTM F1182-90 (2001), Standard Specification for Anodes, Sacrificial Zinc Alloy
 ASTM B843-93 (2003), Standard Specification for Magnesium Alloy Anodes for Cathodic Protection

<p>A simple and concise statement identifying and describing relevant affected stakeholder categories (including small and medium sized enterprises) and how they will each benefit from or be impacted by the proposed deliverable(s)</p> <p>All suppliers and users of cathodic protection using galvanic anodes in marine environments.</p>	
<p>Liaisons: A listing of relevant external international organizations or internal parties (other ISO and/or IEC committees) to be engaged as liaisons in the development of the deliverable(s). CEN/TC 219 Cathodic protection</p>	<p>Joint/parallel work: Possible joint/parallel work with: <input type="checkbox"/> IEC (please specify committee ID) <input type="checkbox"/> CEN (please specify committee ID) <input type="checkbox"/> Other (please specify)</p>
<p>A listing of relevant countries which are not already P-members of the committee.</p>	
<p>Preparatory work (at a minimum an outline should be included with the proposal) <input type="checkbox"/> A draft is attached <input type="checkbox"/> An outline is attached <input checked="" type="checkbox"/> An existing document to serve as initial basis The proposer or the proposer's organization is prepared to undertake the preparatory work required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Proposed Project Leader (name and e-mail address) Marcel Roche marcel.roche@orange.fr</p>	<p>Name of the Proposer (include contact information) AFNOR - Cyrielle Fournier cyrielle.fournier@afnor.org</p>
<p>Supplementary information relating to the proposal <input checked="" type="checkbox"/> This proposal relates to a new ISO document; <input type="checkbox"/> This proposal relates to the adoption as an active project of an item currently registered as a Preliminary Work Item; <input type="checkbox"/> This proposal relates to the re-establishment of a cancelled project as an active project. Other:</p>	

Annex(es) are included with this proposal (give details)

N5788 NF EN 12496