



27 July 2016

Bachmann Electronic GmbH

Kreuzäckerweg 33
A-6800 Feldkirch
Austria

Attn: Mr. Lins

Reference: **T 1542060/UN**
Project No.: 3771043

In reply to your e-mail
of 21.10.2015
355882

Subject: **Type Approval – Product Design Assessment revalidation/extension for:**
Programmable Controller, I/O Units, Operator & Communication Interfaces
Model: M1 Controller & M-VIS Terminals
According to documentation as per attached list
Basis of review: Steel Vessel Rules (Edition 2016)

Gentlemen,

We have received your declaration stating that the materials in the requested assessment are free from Asbestos and your application for ABS Type Approval renewal/ extension dated 20 October 2015 together with the appropriate enclosures and are pleased to advise that we have completed the Product Design Assessment (PDA) phase of the type approval process. Enclosed is your original copy of the **Certificate of Design Assessment**.

Please read the pages attached to the certificate to be sure that you understand the scope and conditions of the validity of the certificate. We recommend that you monitor the ABS Rules and other specifications used in the approval. These Rules and specifications often change on an annual basis and you must comply with the new Rules and specifications in order for the product to be used on an ABS classed vessel or facility contracted under the new Rules or specifications. Since the original certificate is multi-colored, we have no objections to unlimited black and white photocopies of the certificate being distributed. As you already know, your details are published on our web site and can also be downloaded there.

An electronic copy of the stamped drawings is available in the ABS Plan Approval System.

Please find enclosed our invoice to cover the cost of the design assessment phase of the type approval process.

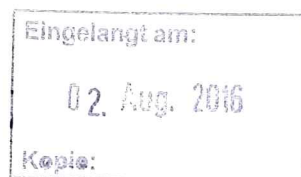
If you should have any comments relative the scope and conditions of the assessment of your product, or if we can be of any further assistance, please do not hesitate to contact us. We do appreciate your continued confidence in the services that ABS provides.

Very truly yours,

Dimitrios G. Kostaras
Vice President of Engineering
ABS Europe Division

By: *U. Numirski*
U. Numirski
Senior Engineer

cc: Firm File



Enc.