



Certificate Regulation n° 1935/2004

We the undersigned, PARKER HANNIFIN MANUFACTURING FRANCE SAS, Fluid Systems Connectors Europe, manufacturer of fittings and industrial valves, hereby certify that, the products listed below, concerning a specific "Low lead brass" LF3600 are in compliance with European regulation for food contact n°1935/2004 :

- Based on this European regulation and linked standard migration testing protocols, that have been performed on accredited laboratory, the low lead LF3600 range presents the following characteristics:
 - According to French DGCCRF n°2004-64, annexe I, II & III for metallic material and alloy, migration test has been performed at LNE laboratory. The sample tested has presented some lower chemical concentration than the maximum rate allowed by the regulation for all the targeted element (Chromium, Copper, Nickel, Zinc, Arsenic, Lead, Cadmium). LNE report (file P168238 ,June 2017) is available upon request
 - According to German §31 LFGB, specific migration protocol tests have been performed :
 - Global migration following directive 82/711/EEC & 85/572/EEC with reference to EU n°10/2011
 - Specific metals release following directive 82/711/EEC & 85/572/EEC with reference to ISO 11885:2007 / DIN EN ISO 17294
 - Specific PAHs migration performed with reference to EN13130-1:2004
 - Specific Primary Aromatic Amines
 - Formaldehydes migration from rubber
 - Zinc, Lead migration from natural and synthetic rubber
 - Specific migration of nitrosamines
- The brass used for all the component in contact with fluid is made in a "Low lead" brass alloy presenting a lead content < 0.25%

PRODUCT IN COMPLIANCE WITH THE ABOVE SPECIFICATIONS:

PARKER part number: 36xx XX XX 84

Description: special LF3600 with Low Lead brass alloy

Date: Thursday, 24 August 2017

Olivier GUILLOU
Division Engineering Manager

