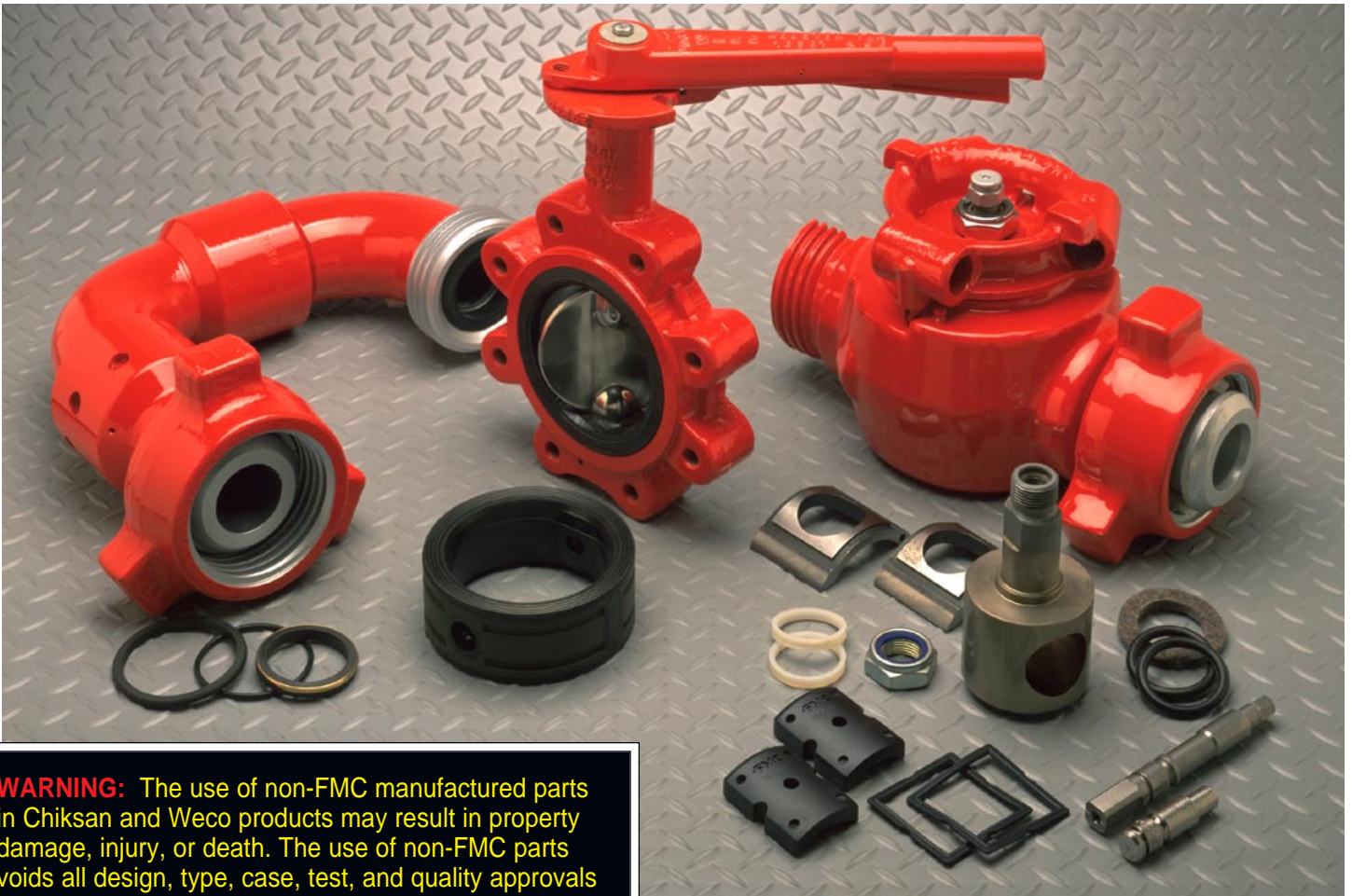


## TECHNICAL ALERT

# Non-FMC parts prove incompatible with Chiksan® and Weco® products



**WARNING:** The use of non-FMC manufactured parts in Chiksan and Weco products may result in property damage, injury, or death. The use of non-FMC parts voids all design, type, case, test, and quality approvals by third party certifying authorities and may void product warranty.

Chiksan and Weco fluid control products have been providing dependable service in demanding oilfield applications for over 65 years. These products are manufactured to rigid dimensional tolerances using specialized materials of construction, unique machining processes, and strict quality control measures.

This bulletin explains the importance of using only genuine FMC manufactured parts in Chiksan swivel joints, Weco plug valves, Weco butterfly valves, and other Chiksan and Weco fluid control products. The information contained herein is intended to maximize safety while maintaining design and quality approvals by third party certifying authorities.



# Use of non-FMC parts in Chiksan and Weco products creates hazardous conditions



**C**hiksan and Weco products which have been refurbished using genuine FMC parts have proved reliable in a complete range of services on a worldwide basis. However, FMC recently began receiving notification of leakage and washout occurring in newly refurbished Chiksan and Weco products used in pumping and well servicing applications in the North Sea and Far East. Upon investigation, FMC engineers discovered that the reported problems were occurring in products that were not rebuilt by FMC or its authorized service centers. Without exception, the problems were attributable to the use of non-FMC replacement parts in Chiksan and Weco products.

Because FMC products are used in extreme high-pressure applications which often involve sour gas and other hazardous fluids, the use of non-FMC parts in Chiksan and Weco products increases the potential for hazardous health, safety, and environmental conditions.

## FMC specifications 100% proprietary

Despite claims of "parts interchangeability" by other manufacturers, FMC has not published or otherwise released any dimensional machining data or tolerances relative to the design or manufacture of Chiksan and Weco products. Extensive laboratory studies conducted by FMC engineers show that non-FMC parts being sold for use in Chiksan and Weco products do not meet FMC's specifications, quality standards, or performance requirements.

## Non-FMC parts void third party certifications

FMC's Quality System has been surveyed and approved by DnV to ISO 9001, NS-ISO 9001, and BS 5750 Part 1 standards. The use of non-FMC manufactured parts in Chiksan and Weco products voids design and quality approvals by third party certifying authorities and may nullify product warranty.

## Genuine FMC parts extend service life, save money

The service life of Chiksan and Weco products can be extended with routine maintenance and simple repair using genuine FMC manufactured parts. These parts meet the exact same specifications, design, and quality standards as the original components.

## Worldwide parts supply and repair

Genuine Chiksan and Weco replacement parts are available from stock at over 60 FMC locations worldwide. FMC also maintains complete repair and rebuild facilities in every major oil and gas producing area of the world.

If you think that you may have received non-FMC parts or that you may be using non-FMC parts in Chiksan and Weco products, call FMC or your nearest representative for assistance today.

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