Coating Technology Advancements

Timeline

1973
Louis Mogas founded MOGAS Industries, Inc.

1980
Development of Applied HVOF Chromium Carbide

1985
Advancements of Applied HVOF Chromium Carbide

1987
Advancements of Applied HVOF Chromium Carbide

1992
Established certified coater and began R&D coating program

1993
Developed Fusion Chromium Carbide

2000
First to apply TiO_2 in the HPAL applications

2000
Advancement on coating development targeting HPAL applications

2001
US patent issued to MOGAS for nano-structured TiO_2 (M1)

2002
Converted and repaired competitor's valves in POx autoclaves to provide superior coating

2004
Awarded major POx autoclave order for valves with patented coating

2005
Awarded significant order to supply valves with n-TiO_2 (M5) coating

2007
Developed customized coating for major customer qualification

2008
Began development of laser coating technique

2010
M5+++

2011
M6 development

2014
M7 development

2017
ML-381™ plant scale testing

2018
Commissions new coating facility in Houston for HVOF, plasma and weld overlay applications

2019
MOGAS purchases Brenco Surface Technologies in Australia

2021
Expands Houston coating facility

2022
Commissions laser cladding operation in Houston

1970 | 1980 | 1990 | 2000 | 2010 | 2020

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