



METAL POWDER INDUSTRIES FEDERATION

2021 TEST METHODS ASSURANCE PROGRAM

Catalus Corporation

HAS SUCCESSFULLY DEMONSTRATED PROFICIENCY IN THE
FOLLOWING PM TEST METHODS FOR THE YEAR 2021

DENSITY (*MPIF Std. # 42*)

HARDNESS (*MPIF Std. # 43*)

TRANSVERSE RUPTURE STRENGTH (*MPIF Std. # 41*)

CARBON CONTENT (*MPIF Std. # 66 & ASTM E1019*)

MICROINDENTATION HARDNESS (*MPIF Std. # 51*)

A handwritten signature in black ink, reading 'Rodney Brennen', is written over a horizontal line.

Rodney Brennen
President, MPIF

A handwritten signature in black ink, reading 'James P. Adams', is written over a horizontal line.

James P. Adams
Executive Director/CEO