

DIN EN ISO/ASTM 52904:2020-10 (E)

Additive manufacturing - Process characteristics and performance - Practice for metal powder bed fusion process to meet critical applications (ISO/ASTM 52904:2019)

Contents	Page
European foreword	3
Foreword	4
1 Scope.....	5
2 Normative References.....	5
3 Terms and Definitions	6
4 PBF Material Identification	6
5 Feedstock and Powder Batches	6
6 Personnel Requirements	6
7 Qualification.....	7
7.1 Pre-Build Checks.....	7
7.2 <i>Periodic Preventive Maintenance (Third Party Accreditation)</i>	7
7.3 <i>Machine, Process, and Part Qualification</i>	8
8 Control of Machine Operating System Software	9
9 Auxiliary Tools and Contamination.....	9
10 Manufacturing Plan	9
11 External Environmental Controls	10
12 Digital Data Configuration Control	10
Annex A (informative)	12