

ISO/ASTM 52926-1:2023-11 (E)

Additive manufacturing of metals - Qualification principles - Part 1: General qualification of operators

| Contents | | Page |
|--|--|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 Scope | | 1 |
| 2 Normative references | | 1 |
| 3 Terms and definitions | | 1 |
| 4 Operator qualification | | 2 |
| 4.1 General..... | | 2 |
| 4.2 Essential variables and the range of qualification..... | | 2 |
| 4.2.1 General..... | | 2 |
| 4.2.2 The various AM processes for metal..... | | 2 |
| 4.2.3 The various feedstock types and material groups..... | | 2 |
| 4.2.4 The various types of AM machines..... | | 3 |
| 4.3 Assessment principles..... | | 3 |
| 5 Qualification test certificate | | 4 |
| 6 Validity of testing | | 4 |
| 6.1 General..... | | 4 |
| 6.2 Conditions of validity..... | | 5 |
| 6.3 Re-qualification test..... | | 5 |
| Annex A (informative) Qualification test certificate of machine operators for metallic parts production | | 6 |
| Bibliography | | 8 |