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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 14896.7-2015

Replacing GB/T 14896.7-2004

**Non-traditional machines - Terminology - Part 7: Additive
manufacturing machines**

特种加工机床 术语 第7部分：增材制造机床

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Foreword

GB/T 14896 "machine tools - Terminology" is divided into 14 parts.

- Part 1. Basic terminology;
- Part 2. EDM machine;
- Part 3. Electrolytic machine tools;
- Part 4. Ultrasonic machine tools;
- Part 5. machine tool;
- Part 6. Other machine tools; Part
- 7. increasing material manufacturing machine;
- Part 8. Fusion Explosion processing machine;
- Part 9. laser processing machine;
- Part 10. Electron Beam processing machine tools;
- Part 11. ion beam processing machine;
- Part 12. plasma arc processing machine;
- Part 13. jet machine tools;

1 Scope

GB/T 14896.7-2015 is the Chinese national standard on non-traditional machines - terminology - part 7: additive manufacturing machines, in the field of generalities, terminology and documentation. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 10 December 2015 by the General Administration of Quality Supervision, Inspection and

Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2016. Classification: ICS 01.040.25, CCS J59. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section GB/T 14896 specifies the increasing material manufacturing machine Machine name, machine parameters, machine parts, and other processing methods The terms and their definitions. This section applies to all types of machine tools and increasing material manufacturing equipment (hereinafter referred to as the "Machine").

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 14896.1-2009 machine tools - Terminology - Part 1. Basic terminology

3 Machine Name

3.1 Increasing material manufacturing machine additivemanufacturingmachines Layer by layer using the discrete/accumulation principle part or machine components manufacture.

3.2 Selective Laser Sintering Machine selectivelasersinteringmachines Using selective laser sintering process of increasing material manufacturing machine tools.

3.3 Selective Laser Melting machine selectivelasermeltingmachines Laser melting process constituency increase material manufacturing machine tools.

3.4 Electron Beam Melting machine electronbeamselectivemeltingmachines constituency Electron beam melting process of selection by material manufacturing machine tools.

3.5 Fused Deposition Modeling machine fuseddepositionmodelingmachines Melt deposition process by material manufacturing machine tools.

3.6 Melt extrusion machine meltedextrusionmodelingmachines Melt extrusion process of increasing material manufacturing machine tools.

3.7 Stereolithography forming machine stereolithographymachines Using Stereolithography material manufacturing process by the machine.