

综述

## 武器装备项目研制与计量保障

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收稿日期 2006-8-20 修回日期 2006-9-15 网络版发布日期 2006-11-15 接受日期

**摘要** 针对计量管理在武器装备研制项目质量管理体系中的重要作用, 以及计量工作对武器系统的保障作用(武器系统的计量测试和通用型武器系统校准检测装置的研制), 阐述了计量保障在武器装备和国家重大工程研制中的重要地位和作用, 介绍了现有国防最高标准和校准检测装置为武器研制所提供的计量测试服务。提出“十一五”期间武器装备项目研制对光学计量的需求, 最后结合国防科工委光学计量一级站的业务范围, 提出武器装备项目计量保障管理的目标与方向。

**关键词** [武器装备项目](#) [科研管理](#) [计量保障](#) [计量标准](#) [管理目标](#)

**分类号** [TB9](#)

## Development and metrological service for weapon systems

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**Abstract** Metrology management is the important technology base of the quality management system for the weaponry development. Metrology is a effective means to control quality and quality is the aim of the metrology. Safeguard function of the metrology on development of weapon systems are mainly embodied in two aspects: one is to supply metrology service for development of weapon systems, the other is to develop the universal calibration and measurement facility for weapon systems. The significant function and status of metrology service for calibrating the optical systems in weapon systems and for developing the national top level standards are expounded. The requirement for optical metrology that is associated with arm model development during “eleventh five year program” is brought forward in this paper. The aim and orientation of metrology service and its management for optical systems in weapon equipments are proposed.

**Key words** [weapon equipment](#) [research and development management](#) [metrology service](#) [metrology standard](#) [management objective](#)

DOI:

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