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行业动态

我国油气钻采领域首个钛合金管材 国家重点研发项目获批

由在陕科研单位牵头、多家单位参与的“苛刻环境能源井钻采用高性能钛合金管材研发及应用”项目，获批国家重点研发计划“先进结构与复合材料”重点专项。该项目是我国油气钻采领域首个钛合金管材相关国家重点研发计划重点专项项目。

该项目由中国石油集团工程材料研究院牵头，联合宝鸡钛业股份有限公司、西北有色金属研究院等国内 9 家优势单位，协同创新，进行全链条研发。高性能钛合金钻采管材具有低密高强、耐蚀及抗疲劳等特性，其研发与应用对保障我国能源井服役安全具有重要意义。该项目的实施将突破我国在苛刻环境能源井钻采用高性能钛合金管材设计、生产制造、检测评价、应用等方面的主要技术瓶颈，形成完备的全产业链技术体系，提升我国钛工业加工技术水平和能源行业钻采能力，为国产高性能钛合金钻采管材在我国深层油气、可燃冰等重大战略工程中的全面应用奠定基础。

来源：陕西日报