4 结语

通过采取上述措施，工程机械轮胎罐式胶囊硫化模具过梁处内漏问题得到解决，大大减少了成品轮胎胎侧缺胶和花纹圆角等缺陷，轮胎硫化质量提高。

Root Cause Analysis of Pressurized Water Leakage from OTR Tire Curing Bladder Mold Beam and Corrective Actions

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Abstract: In this study, the root causes of leakage of pressurized water from OTR tire curing bladder mold beam were analyzed, and corrective actions were presented accordingly. Based on the analysis, the joint of beam and mold was optimized, the beam stress was adjusted, and the mold sealing structure and beam structure were also modified. After the modification, the water leakage issue was effectively resolved and tire curing quality was improved.

Keywords: pressurized water leakage; tire curing bladder; OTR tire; mold; beam

吉林石化10项合成橡胶科研成果通过验收

日前，中国石油吉林石化公司乙丙橡胶J-5105中试技术开发、环保型充油丁苯橡胶SBR1723/SBR1739新产品开发、乙丙橡胶J-3100/J-3105开发等10项合成橡胶科研成果通过公司组织的专家验收。

公司围绕合成橡胶领域的新技术和新工艺，不断加大科技创新力度，重点进行新产品开发和技术集成，促进产品结构升级。例如，丁苯橡胶装置提质增效技术攻关项目确定了基础胶乳的聚合工艺配方、填充油乳化配方及掺混、凝聚工艺条件，形成了充油丁苯橡胶SBR1712大生产路线；工业化试生产充油SBR1712达8705 t，产品性能达到优级品标准；完成丁二烯装置回丁塔改造和丁苯橡胶装置絮凝剂改造工作，提高了处理效率，降低了产品生产成本，累计创效580多万元；技术创新成果申请发明专利1项。

10个合成橡胶攻关项目使公司合成橡胶产品在满足细分市场需求的同时，形成系列化产品，市场覆盖面和竞争力加大。这些科研项目的下一步目标是加快工业化应用步伐，预计2015年下半年开展乙丙橡胶J-5105项目和环保型充油丁苯橡胶SBR1723项目的工业化试验。

钱伯章