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~~Draft~~-Sri Lanka Standard

GREY CAST IRON

Part 2 Specification for grey cast iron for automotive industry

Sri Lanka Standards Institution

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FOREWORD

This Standard was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on ~~1.1.1978~~ after the draft, finalized by the Drafting Committee on Grey Cast Iron, had been approved by the Mechanical Engineering Divisional Committee.

All values in this standard are given in SI units.

The standard on grey cast iron is presented in 6 parts, namely;

Part 1 Specification for grey cast iron for general purposes

Part 2 Specification for grey cast iron for automotive industry

Part 3 Method of test for tensile strength

Part 4 Method of test for transverse strength

Part 5 Metallographic evaluation of grey cast iron

Part 6 Heat treatment of grey cast iron

When all these parts are approved by the Council as Sri Lanka Standards SLS 178 will be withdrawn.

This part of the standard covers the technical provisions relating to grey cast iron for automotive industry.

For the information of manufacturers, typical uses of various grades of grey cast iron have been given in Appendix A.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with CS 102. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

The assistance derived from related publications of the International Organization for Standardization, Bureau of Indian Standards and Society of Automotive Engineers of United States of America in the preparation of this standard is gratefully acknowledged.