

(PREVIEW)

*Indian Standard***SPECIFICATION FOR
POTASSIUM CHLORATE FOR EXPLOSIVE AND
PYROTECHNIC INDUSTRY****0. FOREWORD**

0.1 This Indian Standard (Second Revision) was adopted by the Bureau of Indian Standards on 30 October 1987, after the draft finalized by the Explosives and Pyrotechnics Sectional Committee had been approved by the Chemical Division Council.

0.2 Potassium chlorate is an oxidizing agent used in the explosive industry. It is also used in match and pyrotechnic industries.

0.3 This standard was first published in 1956. It was first revised in 1970 in order to include the improved sampling scheme and to align the test methods with those of IS : 5301 - 1969*. The optional defence requirements were also deleted.

0.4 In the present revision, two new requirements, namely, the absence of hypochlorite and the limit for organic matter have been included with a view to facilitate storage and to ensure safety. The title of the standard has also been modified since potassium chlorate is predominantly used in explosive and pyrotechnic industry.

0.5 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated,

*Specification for sodium chlorate.

1. SCOPE

1.1 This standard prescribes requirements and methods of sampling and test for potassium chlorate for explosive and pyrotechnic industry.