



इरकॉन इंटरनेशनल लिमिटेड

(भारत सरकार का उपक्रम)

IRCON INTERNATIONAL LIMITED

(A Govt. of India Undertaking)

An integrated Engineering and Construction Company



IRCON/SECY/STEX/124

16th December, 2022

BSE Limited Listing Dept./ Dept of Corporate Services Phiroze Jeejeebhoy Towers Dalal Street Mumbai – 400 001 बीएसई लिमिटेड लिस्टिंग विभाग / कॉर्पोरेट सेवा विभाग पी. जे. टावर्स, दलाल स्ट्रीट मुंबई- 400 001 Scrip code / ID: 541956 / IRCON	National Stock Exchange of India Limited Listing Department Exchange Plaza, Plot no. C/I, G Block Bandra –Kurla Complex, Bandra (East) Mumbai – 400 051 नेशनल स्टॉक एक्सचेंज ऑफ इंडिया लिमिटेड लिस्टिंग विभाग एक्सचेंज प्लाजा, प्लॉट नं सी / आई, जी ब्लॉक बांद्रा-कुर्ला कॉम्प्लेक्स, बांद्रा (पूर्व) मुंबई-400 051 Scrip Code: IRCON
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Subject: Press Release- IRCON has achieved breakthrough of the Escape Tunnel in J&K

Please find attached hereto a copy of press release issued by Ircon International Limited for achieving significant milestone in Tunnel No-49 of the USBRL in Jammu & Kashmir.

कृपया उपरोक्त जानकारी को रिकॉर्ड पर लें

धन्यवाद,

भवदीया,
कृते **इरकॉन इंटरनेशनल लिमिटेड**

(रितु अरोड़ा)
कम्पनी सचिव एवं अनुपालन अधिकारी
सदस्यता क्र.: FCS 5270



Press Release

IRCON has achieved breakthrough of the Escape Tunnel in J&K

New Delhi, 16th December, 2022 - Ircon International Limited (IRCON), a Miniratna (Category-I) Schedule -A, Public Sector Enterprises has completed significant milestone in T-49 of the USBRL line in Jammu & Kashmir with the excavation breakthrough of the Escape Tunnel on 15th December, 2022. This is the longest railway tunnel of 12.76 km in India connecting Sumer Station (at 1418m MSL) & Arpinchala Station (at 1562m MSL).

The difficult geological conditions encountered during the excavation of 1500 m long stretch were high deformation/squeezing phenomenon causing local minor collapses, support damage etc., The Tunnel was excavated in the most difficult and challenging formations of the Himalayan range comprising essentially of tectonized metamorphic formations of carbonaceous phyllites, quartzitic phyllites and gneiss, under a maximum overburden of 1000 meters.

This tunnel will be equipped with a mechanical longitudinal ventilation system (consisting of jet fans) in the main tunnel. The Escape tunnel will be equipped with air lock system (consisting of jet fans) to keep rescue passages free from smoke in case of fire. For normal operation the ventilation system of the main tunnel will be controlled by air quality measurement system (CO, NO, NO₂ & particles). In case of fire in main tunnel, the detection system will identify the accident location and start automatically as per the different fire programs in the tunnel monitoring and control system (SCADA).





About Ircon International Limited (<https://www.ircon.org/>; BSE: 541956; NSE: IRCON)

Ircon International Limited is a Miniratna (Category - I) Schedule A, Public Sector Enterprise and a leading turnkey Construction Company in the public sector known for quality, commitment and consistency in terms of performance. The core competence of IRCON is in Railways, Highways & Extra High Tension substation engineering and Construction. The company has executed projects in the areas of Railway construction including large span river bridges, ballast less track, electrification, tunneling, signal & telecommunication as well as leasing of locos, construction of roads, highways, commercial, industrial & residential buildings and complexes, airport runway and hangars, metro and mass rapid transit system, etc. IRCON has widespread operations in several states in India and in other countries (Malaysia, Nepal, Bangladesh, South Africa, Algeria and Sri Lanka). The company has completed more than 128 projects in 25 countries across the globe and 398 projects in various states in India.