

ASSESSMENT OF THE TWELVE YEARS OF THE INTER-LABORATORY MIX ASPHALT PROGRAM IN BRAZIL

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ABSTRACT

Nowadays in Brazil, it is necessary for companies that conduct technological controls to have an integrated certified, warranted quality control system. The official monitor and certifier for laboratories is The National Institute of Metrology, Standardization and Industrial Quality (INMETRO), an executive agency of the Ministry of Industry, Trade and Tourism (MICT).

The laboratories accredited by INMETRO, are the Brazilian Network of Laboratory Trials (RBLE). Due to the importance of implementing quality procedures in Trial laboratories that conducts the technological controls of civil construction works, including the road subject, a "Technical Commission for Laboratory Trials in Civil Construction (CT-01) was created in 1994, consisting of the accredited laboratories and those laboratories undergoing accreditation.

This commission has been promoting and coordinating several inter-laboratory programs since 1995. The present paper aims to submit an assessment of twelve years (1999 to 2010) of the inter-laboratory of hot mix asphalt program in Brazil, and presents the benefits of this important tool, for technological control.

KEY WORDS: Hot mix asphalt; inter-laboratory program; technological control; metrological reliability; proficiency testing.