DANGEROUS GOODS PANEL

Dubai, 31 March to 4 April 2003

MICHIGAN STATE UNIVERSITY STUDY

(Presented by R. Richard)

1. INTRODUCTION

1.1 Testing was conducted by Michigan State University on a number of dangerous goods packagings. A description of the test methods and the results of the testing are provided in the attached report. While some of the testing was conducted using methods that are not consistent with the current requirements of the Technical Instructions, panel members are requested to consider the test methods and the results with respect to the requirement in 4;1.1.6 that requires packagings for which retention of liquid is a basic function to be capable of withstanding without leakage an internal pressure test which produces a pressure differential of not less than 95 kPa. Panel members are requested to consider whether the tests simulate normal conditions of air transport (e.g. simultaneous application of vibration and pressure differential). Comments relevant to the test method used and the results are requested.

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