PROJECT ANNEX
TO THE

MEMORANDUM OF UNDERSTANDING

BETWEEN
THE KOREAN AGENCY FOR TECHNOLOGY AND STANDARDS
OF THE MINISTRY OF COMMERCE, INDUSTRY AND ENERGY
OF THE REPUBLIC OF KOREA
AND
THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
OF THE DEPARTMENT OF COMMERCE
OF THE UNITED STATES OF AMERICA
FOR
COOPERATION RELATING TO STANDARDIZATION, CONFORMITY ASSESSMENT AND LEGAL METROLOGY

ON DETERMINATION OF COMPARABILITY OF KOREAN AND U.S. STANDARDS FOR TESTING WOOD FRAME ASSEMBLIES

Article 1. Scope and Objectives

Pursuant to Article VII of the Memorandum of Understanding between the Korean Agency for Technology and Standards of the Ministry of Commerce, Industry and Energy of the Republic of Korea and the National Institute of Standards and Technology of the Department Of Commerce of the United States Of America Concerning Cooperation Relating to Standardization, Conformity Assessment and Legal Metrology, NIST and KATS wish to provide a mechanism for cooperation in determining the comparability of Korean and U.S. standards used in assessing fire resistance of wood frame assemblies. The purpose of this cooperation is to determine the equivalency of comparable U.S. and Korean standards in this area and to determine possible causes for any inconsistencies in test results when such standards are applied to like products. This Annex is an agreement in principle and is not intended to be legally binding.

Article 2. Cooperative Activities - The parties intend to undertake the following activities on a best efforts basis:

A. Phase 1 (2 months)
1. Compare and contrast the following two standards: ISO 834 - Fire Resistance Tests and ASTM E119 - Standard Test Methods for Fire Tests of Building Construction and Materials. KS F 2257-1:1999, KS F 2257-4:1999 and KS-F 2257-5:1999 are identical to ISO 834-1, ISO 834-4, and ISO 834-5, respectively.
2. Estimate the expected differences in fire endurance results for various construction assemblies.

B. Phase 2 (3 months)
1. Upon completion of the comparison study in Phase 1, Part 1, compare U.S. and

Korean fire test data using similar assemblies. Using engineering judgment, determine the quantitative relationship, if any, and necessary conversion factors between assemblies tested under ISO 834 and ASTM E119. As mentioned above, KS F 2257-1:1999, KS F 2257-4:1999 and KS-F 2257-5:1999 are identical to ISO 834-1, ISO 834-4, and ISO 834-5, respectively.

C. Phase 3 (1 month)

1. Identify means to overcome any significant testing differences and estimate the equivalency of the tested assemblies.

D. Phase 4 (12 months)

1. NIST and KATS intend to provide a joint report detailing the activities and findings of the project no less than six months after the conclusion of Phase 3.
2. NIST and KATS desire to hold a workshop in Korea to discuss the findings of the project no less than one year after the conclusion of Phase 3.

Article 3. Implementing Agencies

1. The implementing agencies under this Annex will be NIST, KATS, and the Fire Insurers Laboratories of Korea (FILK).

Article 4. Intellectual Property

Neither NIST, nor KATS should attempt to limit the distribution or the use of the technical results of this joint effort. The parties intend to make all results of this effort publicly available. All data will be made freely accessible where permitted by law.

Article 5. Project Finances

NIST and KATS will each be responsible for their own costs, if any incurred under this project annex.

Article 6. Planning and Review of Activities

A. The implementing organizations designate the following individuals as project managers and as the points of contact for implementation of these activities. These individuals should, at times mutually established, plan and review activities under this Project Annex.

1. Project Managers:
NIST: Richard Gann, Building and Fire Research Laboratory,
NIST

KATS: Dong Ho Kim, Deputy Director, Construction
and Service Division
KATS

FILK: Si-Chang Sung, Construction Division

FILK

Article 7. Commencement and Termination

The activities under this Project Annex shall begin upon execution of this Annex by the two organizations. The activities should continue while the Memorandum remains active, unless terminated by either side upon ninety days written notice to the other side. This Project Annex may be amended or extended by written agreement of NIST and KATS. The termination of this Project Annex shall not affect the validity or duration of projects under this Project Annex that are initiated prior to such termination. This Annex is not intended to be legally binding upon the parties and shall not be the basis for any legal cause of action between the parties hereto.

Signed in Seoul Korea, on the _____ day of _____, 2001, and in Gaithersburg, MD, U.S.A., on the _____ day of _____, 2001, in duplicate, in the English language.

FOR THE
NATIONAL INSTITUTE OF STANDARDS
AND TECHNOLOGY OF THE
DEPARTMENT OF COMMERCE OF THE
UNITED STATES OF AMERICA

By _____
Name : Dr. Jack E. Snell
Title : Director , Building and Fire
Research Laboratory

FOR THE
KOREAN AGENCY FOR TECHNOLOGY
AND STANDARDS OF THE
MINISTRY OF COMMERCE, INDUSTRY
AND ENERGY OF THE
REPUBLIC OF KOREA

By _____
Name : Mr. Dong Chul Kim, Director
Title: Director General, Department
of Basic Technology and Standards,