



MEMORANDUM OF UNDERSTANDING

Between the

SUMY STATE UNIVERSITY (SUMY, UKRAINE)

and the

TEXAS A&M ENGINEERING EXPERIMENT STATION

on behalf of its

Turbomachinery Laboratory

College Station, Texas

United States of America

CONSIDERING THAT:

Sumy State University (Sumy, Ukraine) and the Turbomachinery Laboratory of the Texas A&M Engineering Experiment Station (TEES) recognize each other as centers of excellence in their respective countries;

The areas of scientific and technical interest addressed in this agreement are primarily related to, but are not limited, to mechanical engineering;

Sumy State University and the Turbomachinery Laboratory recognize that joint research activities in multiple-phase flow seals for wet compression systems will be synergistic, resulting in benefits to both institutions and nations, to include pursuit of research funds from the European Union;

Turbomachinery Laboratory wishes, through Sumy State University, that Frunze Company become a member of the Turbomachinery Research Consortium; and

A temporary license of Turbomachinery Laboratory's rotordynamics software tool has been supplied to Sumy State University for demonstration to Frunze Company.

THEREFORE, WE AGREE:

1. To promote the exchange of qualified scientists and researchers to conduct courses, seminars and technical conferences as well as promote research sabbatical exchanges between the institutions.
 2. To promote participation in cooperative research programs including technical assistance to industry.
 3. To promote mutual cooperation and technical information exchange in the field of turbomachinery.
 4. To promote the development of human resources and to identify researchers from Sumy State University to pursue graduate studies at the College of Engineering of Texas A&M University.
 5. To protect intellectual property developed in collaborative programs and share the benefits equitably among the institutions, the researchers, and the sponsors of the research; as necessary, establishing specific agreements in which the property must be specified and benefits are defined.
 6. Each institution will endeavor to provide the necessary funds to support the success of this program.
 7. Sumy State University designates Dr. Andriy Zahorulko as its coordinator and the Turbomachinery Laboratory designates Dr. Luis San Andres as its coordinator to lead these exchanges.
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8. Any expenses incurred by each institution under this agreement will be the sole responsibility of that institution.

This Memorandum of Understanding shall become effective upon the affixing of signatures and shall remain in effect for a period of two years; however, it may be extended by mutual written agreement of both parties.

IN AFFIRMATION:



M. Katherine Banks, Ph.D., P.E.
Vice Chancellor and Dean of Engineering
Director, Texas A&M Engineering Experiment Station
Harold J. Haynes Dean's Chair Professor

Date: Sept 25, 2013



Anatoliy V. Vasylyev,
Rector
Sumy State University
Sumy, Ukraine

Date: Aug 11, 2013