



NFPA
Education and
Technology
Foundation

2017 AMENDMENT TO AGREEMENT TO SUPPORT THE CENTER FOR COMPACT AND EFFICIENT FLUID POWER

This Amendment to the Agreement to Support the Center for Compact and Efficient Fluid Power is made effective July 1, 2017, by and between the Regents of the University of Minnesota (hereinafter, "Lead University"), a Minnesota state constitutional corporation, on behalf of the Center for Compact and Efficient Fluid Power (hereinafter, the "CCEFP"), a multi-party, collaborative research venture, located at the Lead University, and the NFPA Education and Technology Foundation (hereinafter, the "Foundation"), an Illinois not-for-profit corporation, with principal offices at 6737 West Washington Street, Milwaukee, Wisconsin.

WHEREAS, on July 1, 2014, the parties entered into an Agreement to Support the Center for Compact and Efficient Fluid Power (hereinafter, the "Agreement"); and

WHEREAS, on July 1, 2016, the parties amended that Agreement to, among other modifications, extend its term through June 30, 2017; and

WHEREAS, on July 1, 2017, the parties also amended that Agreement to, among other modifications, extend its term through June 30, 2018; and

WHEREAS, both parties now wish for the agreement to terminate without fault to either party on June 30, 2018, as provided in Section 8(a) of the Agreement, and to provide the Lead University with the ability to solicit direct industry support prior to that termination.

NOW, THEREFORE, in consideration of the premises hereof and the mutual covenants and agreements contained herein, the parties hereto agree as follows:

1. The following paragraph will be added to the end of Section 2(b) of the Agreement:

"Beginning July 1, 2017, the Lead University will be permitted to enter into CCEFP membership agreements and other arrangements for the provision of funding to support of CCEFP activities, provided that such agreements or arrangements are not entered into with the entities listed on Exhibit A ("Foundation Affiliates"). For clarification, the foregoing restriction is not intended to prohibit the Lead University from requesting and receiving industry support letters from Foundation Affiliates for inclusion with Lead University's application for government grants and contracts. Additionally, notwithstanding the above restrictions, commencing on January 1, 2018, the Lead University will be permitted to enter into agreements or arrangements with Foundation Affiliates for the provision of financial support of CCEFP activities provided that such funds are not committed in lieu of support for the year of CCEFP operations ending June 30, 2018 or received prior to July 1, 2018."

2. Except as set forth above, nothing in this Amendment is intended to amend any provision of the Agreement and the parties intend the Agreement as amended to remain in full force and effect.

3. The terms and conditions of this Amendment shall be binding on the parties, as well as their successors and assigns.

IN WITNESS WHEREOF, and intending to be legally bound, the undersigned parties have duly executed this Agreement or caused the same to be executed by their authorized officer.

REGENTS OF THE UNIVERSITY OF MINNESOTA


Signature:  _____

Print Name: Amy Rollinger _____

Title: Principal Grants and Contracts Administrator _____

Date: April 19, 2017 _____

NFPA EDUCATION AND TECHNOLOGY FOUNDATION

Signature:  _____

Print Name: Eric Lanke _____

Title: President/CEO _____

Date: 4/24/17 _____



Exhibit A
Foundation Affiliates

AAH Fluid Power
ALA Industries Limited
ASCO Numatics
A. W. Chesterton Co.
AAA Products International
AARIS. LLC
ACE Controls, Inc.
Acme Foundry, Inc.
Advance Automation Co.
Advanced Fluid Systems, Inc.
Afton Chemical Corporation
Aggressive Hydraulics
Air Logic
Airline Hydraulics
Aladco, LLC
Alco Mfg Corp LLC
Allied Machine & Engineering Corp.
Almo Manifold & Tool Company
Alro Steel Corporation
Amalga Composites, Inc.
American Iron & Alloys Corp.
AMETEK APT
Anderson Metals Corporation, Inc.
Anfield Industries Inc.
Applied Industrial Technologies, Inc.
ArcelorMittal
ARGO-HYTOS Inc.
ARO brand of Ingersoll-Rand
Auburn Gear, Inc.
AVANTI Engineering, Inc.
AVENTICS Corporation formerly Rexroth Pneumatics
B-D Cylinder Products, Inc.
Badestnost JSCo
Badger Meter, Inc.
Bailey International
Balflex Portugal
Barksdale Control Products
BASF Corporation
Basin Precision Manufacturing
BDI
Bezares USA
Bimba Manufacturing Company
Bonavista Technologies, Inc.
Bosch Rexroth Corporation
Brand Hydraulics



Brennan Industries, Inc.
Brevini USA
Broda Machine Company
Bucher Hydraulics
Camoszi Pneumatics, Inc.
Campbell Hausfeld
Canimex Inc.
Caplugs
Carlisle Brake & Friction
Casappa Corp.
Caterpillar Inc.
Central Steel & Wire Company
Certified Power
CIM-TEK Filtration
CKD USA Corporation
Clippard Instrument Laboratory, Inc.
Coilhose Pneumatics
Collison-Goll Limited
Columbus Hydraulics
Comer Industries Inc.
Concentric Rockford Inc.
Continental ContiTech
Continental Hydraulics
Control Line Equipment, Inc.
Cross Company
Cross Manufacturing, Inc.
Cummins Filtration Inc.
Curtiss-Wright
Custom Hoists, Inc.
Custom Hydraulics & Machinery, Inc.
Czero, Inc.
Daman Products Company Inc.
Danfoss
Dantal Hydraulics Pvt. Ltd.
Delaware Manufacturing Industries Corp.
Delta Computer Systems, Inc.
Delta Power Company
Deltrol Fluid Products
Design World
Diesel Progress
DLH Fluid Power Inc.
Doering Company
Donaldson Company, Inc.
Dura-Bar
Duro-Life Corporation
Eagle Hydraulic Components Inc.
Eastern Industrial Automation
Eastman Chemical Company

EB

Eaton Corporation - Hydraulics Operations
EMMEGI Heat Exchangers, Inc.
Enfield Technologies
Engis Corporation
Epicor Software Corporation
Essentra Components
Evonik Oil Additives USA, Inc.
Fabco-Air Inc.
Fairfield Manufacturing Company, Inc.
Famic Technologies Inc.
Faster, Inc.
FasTest Inc.
Festo Corporation
Firestone Industrial Products Co.
Fitzsimmons Hydraulics, Inc.
Flaretite, Inc.
Flint Hydrostatics, Inc.
Flodraulic Group, Inc.
Flo-Torq Hydraulics
Flow Dynamics & Automation, Inc.
Fluid Air Controls
Fluid Power Journal
Fluid System Components, Inc.
Fluidyne Fluid Power Corporation
FORCE America Inc./Valve Division
Fordsell Machine Products Company, Inc.
Freudenberg NOK
Fullco Industries Inc.
Galland Henning Nopak, Inc.
Gates Corporation
Geartek
Gefran, Inc.
Gerdau
GGB North America LLC
GIE Media
GPM Controls LLC
Greenco Manufacturing Corporation
Gulf Controls Company, LLC
HFI Fluid Power Products
HPS, Inc.
Hallite Seals Americas, Inc.
Hanna Cylinders
Hannon Hydraulics
Hartmann Controls, Inc.
HAWE Hydraulik GmbH & Co KG
HECO Gear, Inc.
Helac Corporation
Helgesen Industries

Hengli America Co., Inc.
Hercules Sealing Products
HL Hydraulic
Hofmann Fluid Power, Inc.
Hollingsworth & Vose Company
Holmbury, Inc.
Humanistic Robotics, Inc (HRI)
Hunger Hydraulics, C.C. Ltd.
Hunt Valve Company
HUSCO International, Inc.
Hy-Pro Corporation
HYDAC TECHNOLOGY CORPORATION
Hydradyne LLC
Hydraforce
Hydra-Power Systems, Inc.
Hydraquip, Inc.
Hydraulex Global
Hydraulic & Pneumatic Sales, Inc. (HPS, Inc.)
Hydraulic Components Ltd.
Hydraulic Management Group, LLC
Hydraulic Supply Company
Hydreco Hydraulics
Hydro Electronic Devices, Inc. (HED®)
HydroControl Inc.
Hydrolico International
Hydrotech, Inc.
IC-Fluid Power, Inc.
ifm efector
ITT Corporation
IMI Precision Engineering
Industrial Hard Chrome, Ltd.
Innovative Hydraulics LLC
Iowa Fluid Power
I-VAC Services Inc.
J & R Machine Inc.
J.H. Bennett & Company, Inc.
JARP Industries, Inc.
JEM Technical Marketing Company, Inc.
John Henry Foster Co. of St. Louis, Inc.
John Henry Foster Minnesota Inc.
JTEKT North America
KP Components Inc.
K.R. West Company Inc.
KTI Hydraulics Engineering
KTR Corporation
KYB Americas Corporation
Kaiser Aluminum Corporation
Kaman Fluid Power LLC

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Karlsson Spools AB
Kawasaki Precision Machinery (U.S.A) Inc.
Kendrion (Shelby) Inc.
Kepner Products Company
Kraft Fluid Systems Inc.
Kuriyama of America, Inc.
LANXESS Rhein Chemie Additives
Lehigh Fluid Power, Inc.
Lexair, Inc.
Ligon Hydraulic Cylinder Group
Linde Hydraulics Corp.
G.W. Lisk Co., Inc.
Lovejoy, Inc.
Lubrizol
Lydall Filtration/Separation Inc.
Lynair, Inc.
Lynch Fluid Controls Inc.
MP Filtri USA Inc.
MTE Hydraulics, Inc.
MTS Systems Corporation - Sensors Division
Magnatech International L.P.
Magnetek
Magnet-Schultz of America, Inc.
Main Manufacturing Products, Inc.
Manuli Rubber Industries
Maradyne Corporation
Marzocchi Pumps USA
Master Pneumatic-Detroit, Inc.
MFP Seals (A Division of Martin Fluid Power)
MICO, Incorporated
Micromatic LLC
Milwaukee Cylinder
Minnesota Rubber & Plastics
MOCAP
Montanhydraulik GmbH
Moog Inc.
Mosey's Production Machinists, Inc.
Motion Industries, Inc.
Muncie Power Products, Inc.
MW Industries
Nachi America, Inc.
Nass controls
National Filters, Inc.
National Tube Supply Company
NetShape Technologies
Newton Manufacturing Co.
Nexmatix LLC
Niagara LaSalle Corporation

Nimco Hydraulic Systems
North American Hydraulics (NAHI, LLC)
Northman Fluid Power, Inc.
OEM Controls, Inc.
OEM Off-Highway Magazine
Ognibene North America LLC
The Oilgear Co.
O-ring Sales & Service, Inc.
Ortman Fluid Power
Orvitek, Inc.
PSI Fluid Power Ltd.
PTI Technologies, Inc.
PVS Sensors Inc.
Pall Corporation
Panagon Systems
The Paquin Company
Parker Hannifin Corp.
PARTsolutions
Peninsular Cylinder Company
Penton Media, Inc.
Permco, Inc.
Plymouth Tube Co.
Poclair Hydraulics, Inc.
Polymer Molding Inc.
PolyMod® Technologies Inc.
Power Systems Inc. Florida
Precipart
Precision Associates, Inc.
Precision Hydraulic Cylinders, Inc.
Price Engineering
Prince Industries, Inc.
Prince Manufacturing Corporation
Proportion Air, Inc.
QCC - Quality Control Corp
Quality Filtration, LLC
R & J Cylinder & Machine, Inc.
RHM Fluid Power, Inc.
R.M. Wright Company
R.T. Dygert
RAM Industries Inc.
Rosenboom Machine & Tool
ROSS Controls
Royal Systems Group
RTS Cutting Tools
RYCO Hydraulics, Inc.
S.G. Morris Co., LLC
SKF Salt Lake City
SMC Corporation of America



SPX Hydraulic Technologies
SafeWay Hydraulics
SAI Hydraulics Inc.
Salem Steel NA, LLC.
Sapa Extrusions
Scenery Hydraulic
Schaeffler Group USA Incorporated
Schmalz Inc.
Schroeder Industries LLC
Scott Industrial Systems, Inc.
Servi Fluid Power Inc.
Service Center Metals
SFC Koenig Group
Sharon Tube Division of Zekelman Industries
Shell Lubricants
Sidener Engineering Co., Inc.
Sierra Machinery, Inc.
Smithers Rapra
Spectronics Corporation
Starcyl Cylinders Inc.
Stauff Corporation
Steelhead Composites
John J. Steuby Company
Stucchi S.p.A.
Sun Hydraulics Corp.
SunSource
Swiss Automation Inc.
T-Lon Products, Inc.
TCI Precision Metals
Terzo Power Systems, LLC.
Texas Hydraulics
Thermal Transfer Products
Thomas Magnete USA, LLC
Tol-O-Matic, Inc.
Trelleborg Sealing Solutions
Tribute, Inc.
TURCK Inc.
Tuson Corporation
Twin Disc, Inc.
Ultra Clean Technologies Corp.
Valin Corporation
Vallourec USA
Veljan Hydrair Private Limited
Vonberg Valve, Inc.
WIKA Instrument Corporation
Walvoil Fluid Power
Wandfluh of America, Inc.
Waterclock Engineering

Weber-Hydraulik--Hyco Alabama, LLC
White Drive Products, Inc.
Wojanis Supply Co., Inc.
Womack Machine Supply Co.
Woodward HRT
Wooster Hydrostatics Inc.
World Wide Fittings Corporation
World Wide Metric Inc.
Yates Industries, Inc.
Zemarc Corporation
Zinga Industries, Inc.
ZSI Foster

Bimba Manufacturing Co.
Danfoss
Enfield Technologies
Hydra-Power Systems, Inc.
Parker Hannifin Corp.
Proportion Air, Inc.
Afton Chemical Corp.
Bobcat
Bosch Rexroth Corp.
Chevron
Clippard Instrument Laboratory, Inc.
CNH
Daman Products Co. Inc.
Deltrol Fluid Products
Donaldson Co., Inc.
Evonik Oil Additives USA, Inc.
Exxon Mobil
Gates Corp.
HYDAC Technology Corp./Schroeder Industries LLC
Linde Hydraulics Corp.
Lubrizol
Moog Inc.
NetShape Technologies
Poclair Hydraulics, Inc.
QCC - Quality Control Corp.
Woodward HRT
Alro Steel Corp.
Bailey International
Barksdale Control Products
Casappa Corp.
Caterpillar Inc.
Concentric Rockford Inc.
Czero
Delta Computer Systems, Inc.
DunAn Microstaq

Eaton Corp. - Hydraulics Operations
Famic Technologies, Inc.
Fas Test, Inc.
FD Groups America
Festo Corp.
Fluid Power World Magazine
FORCE America Inc./Valve Division
GS Global Resources
G.W. Lisk Co., Inc.
HAWE Hydraulik NA
HECO Gear, Inc.
Hitachi America Ltd.
HUSCO International, Inc.
Hydraulics & Pneumatics Magazine
Idemitsu Kosan Co. Ltd.
IMI Precision Engineering
Industrial Hard Chrome, Ltd.
Iowa Fluid Power
JARP Industries, Inc.
JCB
Kaman Industrial Technologies
Kawasaki Good Times Foundation
KYB Americas
KYB Japan
Lehigh Fluid Power, Inc.
Main Manufacturing Products, Inc.
Master Pneumatic-Detroit, Inc.
Micromatic LLC
Mosey's Production Machinists, Inc.
Muncie Power Products
National Tube Supply Co.
OEM Controls, Inc.
PARTsolutions
R.T. Dygert
ROSS Controls
Schmalz Inc.
Simerics Inc.
Stauff Corp.
Steelhead Composites
Sumitomo Heavy Industries Ltd.
Sun Hydraulics Corp.
The Toro Company
Walvoil Fluid Power
Wandfluh of America, Inc.
White Drive Products
World Wide Fittings Corp.
Yates Industries, Inc.

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