

MIRA INFORM REPORT

Report No. :	532865
Report Date :	02.10.2018

IDENTIFICATION DETAILS

Name :	MCPHERSON, INC.
Registered Office :	12 Timber Creek Lane, Newark, New Castle, De 19711
Country :	United States
Financials (as on) :	2017 [Summarized]
Date of Incorporation :	1952
Legal Form :	Corporation
Line of Business :	Subject is a custom manufacturer of precision optical instruments and systems for measuring and characterizing spectra.
No. of Employees :	23

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RATING & COMMENTS

(Mira Inform has adopted New Rating mechanism w.e.f. 23rd January 2017)

MIRA's Rating :

A

Credit Rating	Explanation	Rating Comments
A	Acceptable Risk	Business dealings permissible with moderate risk of default

Status :	Satisfactory
Payment Behaviour :	No Complaints
Litigation :	Clear

NOTES :

Any query related to this report can be made on e-mail : infodept@mirainform.com while quoting report number, name and date.

ECGC Country Risk Classification List

Country Name	Previous Rating (31.12.2017)	Current Rating (01.04.2018)
United States	A1	A1

Risk Category	ECGC Classification
Insignificant	A1
Low Risk	A2
Moderately Low Risk	B1
Moderate Risk	B2
Moderately High Risk	C1
High Risk	C2
Very High Risk	D

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UNITED STATES - ECONOMIC OVERVIEW

The US has the most technologically powerful economy in the world, with a per capita GDP of \$59,500. US firms are at or near the forefront in technological advances, especially in computers, pharmaceuticals, and medical, aerospace, and military equipment; however, their advantage has narrowed since the end of World War II. Based on a comparison of GDP measured at purchasing power parity conversion rates, the US economy in 2014, having stood as the largest in the world for more than a century, slipped into second place behind China, which has more than tripled the US growth rate for each year of the past four decades.

In the US, private individuals and business firms make most of the decisions, and the federal and state governments buy needed goods and services predominantly in the private marketplace. US business firms enjoy greater flexibility than their counterparts in Western Europe and Japan in decisions to expand capital plant, to lay off surplus workers, and to develop new products. At the same time, businesses face higher barriers to enter their rivals' home markets than foreign firms face entering US markets.

Long-term problems for the US include stagnation of wages for lower-income families, inadequate investment in deteriorating infrastructure, rapidly rising medical and pension costs of an aging population, energy shortages, and sizable current account and budget deficits.

The onrush of technology has been a driving factor in the gradual development of a "two-tier" labor market in which those at the bottom lack the education and the professional/technical skills of those at the top and, more and more, fail to get comparable pay raises, health insurance coverage, and other benefits. But the globalization of trade, and especially the rise of low-wage producers such as China, has put additional downward pressure on wages and upward pressure on the return to capital. Since 1975, practically all the gains in household income have gone to the top 20% of households. Since 1996, dividends and capital gains have grown faster than wages or any other category of after-tax income.

Imported oil accounts for more than 50% of US consumption and oil has a major impact on the overall health of the economy. Crude oil prices doubled between 2001 and 2006, the year home prices peaked; higher gasoline prices ate into consumers' budgets and many individuals fell behind in their mortgage payments. Oil prices climbed another 50% between 2006 and 2008, and bank foreclosures more than doubled in the same period. Besides dampening the housing market, soaring oil prices caused a drop in the value of the dollar and a deterioration in the US merchandise trade deficit, which peaked at \$840 billion in 2008. Because the US economy is energy-intensive, falling oil prices since 2013 have alleviated many of the problems the earlier increases had created.

The sub-prime mortgage crisis, falling home prices, investment bank failures, tight credit, and the global economic downturn pushed the US into a recession by mid-2008. GDP contracted until the third quarter of 2009, the deepest and longest downturn since the Great Depression. To help stabilize financial markets, the US Congress established a \$700 billion Troubled Asset Relief Program in October 2008. The government used some of these funds to purchase equity in US banks and industrial corporations, much of which had been returned to the government by early 2011. In January 2009, Congress passed and former President Barack OBAMA signed a bill providing an additional \$787 billion fiscal stimulus to be used over 10 years - two-thirds on additional spending and one-third on tax cuts - to create jobs and to help the economy recover. In 2010 and 2011, the federal budget deficit reached nearly 9% of GDP. In 2012, the Federal Government reduced the growth of spending and the deficit shrank to 7.6% of GDP. US revenues from taxes and other sources are lower, as a percentage of GDP, than those of most other countries.

Wars in Iraq and Afghanistan required major shifts in national resources from civilian to military purposes and contributed to the growth of the budget deficit and public debt. Through FY 2018, the direct costs of the wars will have totaled more than \$1.9 trillion, according to US Government figures.

In March 2010, former President OBAMA signed into law the Patient Protection and Affordable Care Act (ACA), a health insurance reform that was designed to extend coverage to an additional 32 million Americans by 2016,

through private health insurance for the general population and Medicaid for the impoverished. Total spending on healthcare - public plus private - rose from 9.0% of GDP in 1980 to 17.9% in 2010.

In July 2010, the former president signed the DODD-FRANK Wall Street Reform and Consumer Protection Act, a law designed to promote financial stability by protecting consumers from financial abuses, ending taxpayer bailouts of financial firms, dealing with troubled banks that are "too big to fail," and improving accountability and transparency in the financial system - in particular, by requiring certain financial derivatives to be traded in markets that are subject to government regulation and oversight.

The Federal Reserve Board (Fed) announced plans in December 2012 to purchase \$85 billion per month of mortgage-backed and Treasury securities in an effort to hold down long-term interest rates, and to keep short-term rates near zero until unemployment dropped below 6.5% or inflation rose above 2.5%. The Fed ended its purchases during the summer of 2014, after the unemployment rate dropped to 6.2%, inflation stood at 1.7%, and public debt fell below 74% of GDP. In December 2015, the Fed raised its target for the benchmark federal funds rate by 0.25%, the first increase since the recession began. With continued low growth, the Fed opted to raise rates several times since then, and in December 2017, the target rate stood at 1.5%.

In December 2017, Congress passed and President Donald TRUMP signed the Tax Cuts and Jobs Act, which, among its various provisions, reduces the corporate tax rate from 35% to 21%; lowers the individual tax rate for those with the highest incomes from 39.6% to 37%, and by lesser percentages for those at lower income levels; changes many deductions and credits used to calculate taxable income; and eliminates in 2019 the penalty imposed on taxpayers who do not obtain the minimum amount of health insurance required under the ACA. The new taxes took effect on 1 January 2018; the tax cut for corporations are permanent, but those for individuals are scheduled to expire after 2025. The Joint Committee on Taxation (JCT) under the Congressional Budget Office estimates that the new law will reduce tax revenues and increase the federal deficit by about \$1.45 trillion over the 2018-2027 period. This amount would decline if economic growth were to exceed the JCT's estimate.

Source : CIA

STATUTORY INFORMATION

Legal Name	MCPHERSON, INC.
Trade Name	McPHERSON
ID	ID
ID Details	2087831
Creation Date	1952
Incorporation Date	4/8/1986
Legal Address	REGISTERED AGENT INFORMATION Name: THE INCORPORATORS LTD. Address: 12 TIMBER CREEK LANE City: NEWARK County: New Castle State: DE Postal Code: 19711 Phone: 302-737-6260
Operative Address	7-A Stuart Road Chelmsford, MA 01824-4107 USA
Telephone	1-978-256-4512
Fax	1-978-250-8625
Legal Form	CORPORATION
E-Mail	Sales@McPhersonInc.com
Registered In	DELAWARE
Website	www.mcphersoninc.com
Contact	D. M. Schoeffel, Chief Executive Officer, Director and Treasurer
Staff	23 employees
Activity	SIC Code 3826, Laboratory Analytical Instruments

BANKS

Name of Bank	Reported Amount
There are not informed banks	
Description	The company does not make its banking data public.

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HISTORY

History

Key Developments

McPherson began manufacturing spectral test instrumentation in 1952.

The Company was founded as McPherson Instrument Corporation by Paul McPherson (1920 - 1972) and operated as a sole proprietorship until 1967 when it was sold to now defunct GCA Corporation. It was operated as GCA/McPherson, a division of GCA Corporation, until 1981 when it was sold to D. M. Schoeffel. It has operated under various names: McPherson - Division of SI Corporation, McPherson Instruments, SI/McPherson and McPherson, Inc. Currently the company is simply called McPherson and remains a privately held company.

1954- McPherson develops a vacuum grazing incidence spectrometer for Air Force Cambridge Research Lab and launches into space with an Aerobe rocket

1959- The First Seya Namioka spectrometer built by McPherson is introduced and installed at Naval Research Lab (NRL)

1964- Air Force Cambridge Research Lab receives a McPherson original 6.65-meter focal length normal incidence vacuum EAGLE spectrograph/spectrometer

1964- Naval Research Lab receives first McPherson 2.2-meter focal length laboratory grazing vacuum spectrometer

1965- National Bureau of Standards installs a McPherson 6.6 meter normal incidence monochromator for analysis of standard line measurements with high resolution

1965- McPherson installs several normal incidence and Seya type monochromators on the Wisconsin Synchrotron

1966- Rockefeller Institute receives Schoeffel's first mini-monochromator

1967- McPherson 1-meter normal incidence spectrometer is installed at India's atomic energy facility in Bombay

1967- National Bureau of Standards receives the first McPherson 10 meter focal length grazing vacuum spectrograph

1968- Wisconsin University receives the first Schoeffel mini-double Czerny-Turner monochromator

1969- UCLA receives 6 spectrometers for fusion

diagnostics

1969- The first Schoeffel HPLC (high pressure liquid chromatography) prototype spectroflow monitor was introduced

1970- First ESCS 2.5 electron impact spectrometer installed at Bell Labs

1970- Naval Research Labs receives ESCA 36 electron impact spectrometer

1970- The ESCS 2.5, a McPherson design, receives IR (industrial Research) most significant product award

1970/71- Accelerator at MIT receives 2.2 meter soft X-ray spectrometer

1972- Bumpy Torus Oak Ridge receives 1 meter normal incidence X-ray spectrometer

1974- The Schoeffel SF770 spectroflow monitor wins an IR award of the year

1974- SLAC receives McPherson designed 1 meter

Seya-Namioka spectrometer for the linear accelerator

1974- Desy Synchrotron in Germany receives 3 meter McPherson spectrometer

1976/77- Lawrence Livermore receives 225.3; high resolution normal incidence monochromator

1977- The Schoeffel FS970 fluorescence detector wins one of the year's outstanding product awards of IR

1978- McPherson installs 2 meter UHV normal incidence unit at SURF – the Synchrotron at National Bureau of Standards

1978- SLAC Stanford linear accelerator gets first McPherson grasshopper grazing spectrometer

1979- Los Alamos/Sandia and NRL receive theta pinch and laser oblation experiment diagnostics monochromator

1979- Hot fusion experimental reactor in Austin Texas is equipped with several McPherson spectral analyzers

1980- Daresbury Labs England receives a McPherson 5-meter UHV normal incidence monochromator

1981- The fusion reactor at Princeton University installs 3 McPherson flat field diagnostic spectrometers (SPRED's)

1984- The Italian fusion reactor at Frascati receives a McPherson 'swinging' diagnostic MCP and PDA equipped ultra high vacuum spectrometer (13 have since been supplied for major fusion experiments around the world)

1984/86- China research center receives McPherson's advanced 3-meter focal length normal incidence vacuum spectrometer, as well as 8 other instruments

1989- Max Planck Institute for Plasma Research in Germany receives two McPherson 2.2-meter grazing

incidence diagnostic spectrometers which feature pivoting curved ways and dual MCPS
1992- Bessy Synchrotron in Germany (Berlin) receives McPherson's UHV Imeter focal length normal incidence spectrometer for standardizing detectors
1993- Synchrotron at Louisiana State University (CAMD) receives McPherson designed plane grating beam line monochromator (PGM)
1993- IBM (beam line 8) at Berkeley (Advanced Light Source) receives McPherson designed spherical grating monochromator (SGM)
1994- Berkeley (Advanced Light Source) receives 6.5-Meter Normal Incidence Eagle monochromator
1995- 3-meter normal incidence monochromator (NIM) to POSTECH, Pohang Accelerator Laboratory, Korea
1995/96- Beam Line Systems and unique mirror manipulator chambers and water-cooled energy slits to NSLS Brookhaven National Laboratory
1997/1998- SGM high energy variable entrance/exit slit systems to Storage Ring SSRF, Hsinchu, Taiwan
1999- Dual Beam, 115-380 nm, Vacuum Ultraviolet Test Station Introduced
2000- Hong Kong University receives fiber optic environmental test station
2001- McPherson ships the tenth vacuum UV spectrophotometer to lithography community
2001- Nikon and Canon acquire Vacuum Ultraviolet Absorbance Spectrophotometers (VUVaS) with large sample chambers
2002- University of Hamburg receives UT3 ultimate triple monochromator equipped with aspheres throughout
2002- Duke U. gets double, vacuum mono for Raman at FEL
2002- Brown U. gets multiple remote sensing spectrometers for work with comet collisions and Deep Impact program
2003- Schott GmbH receives VUVaS vacuum spectrophotometer for mapping glass quality
2004- JET receives 500mm f/3.5 diagnostic spectrometer for tokamak plasma
2005- SUNY gets 4-channel fluorometer for airborne atmospheric monitoring
2005- ANKA (Karlsruhe) gets 27m beamline for soft x-ray region
2005- ALS gets 3m UHV normal incidence monochromator
2006- CASA gets vacuum monochromator for calibration of Cosmic Origin Spectrograph for Hubble

Telescope
2006- HL-2A tokamak (China) gets 1m vacuum diagnostic monochromator
2006- AFRL uses McPherson systems for calibration in the Hyperspectral Exploitation Program (SVD)
2007- National Ignition Facility at Lawrence Livermore receives optical diagnostic spectrometers
2010- National Research Council Canada gets 350-mm Double monochromators
2010- Polish Academy of Sciences receives vacuum ultraviolet luminescence test system for research in improved efficiency lighting and phosphors
2011- ASIPP Institute of Plasma Physics contracts for massively multi-fiber spectrometer for optical diagnostics at EAST superconducting tokamak
2011- University of Colorado receives high performance triple monochromator with vacuum UV capability
2012- Massachusetts Institute of Techology contracts for a unique Off-plane conical dispersion spectrometer for ARPES and PES experiments
2013- National Institute of Metrology (Thailand) receives a double-spectrometer, collimator and goniometric test system
2014- Princeton Plasma Physics Lab / Lawrence Livermore receives diagnostic flat field spectrograph
NA

Parent Company

PRINCIPAL ACTIVITY

General Description

McPherson is a custom manufacturer of precision optical instruments and systems for measuring and characterizing spectra. McPherson instruments measure intensity vs. frequency in various regions of the electromagnetic spectrum. McPherson's spectral test instruments are based on the dispersing properties of a diffraction grating and/or refractive prism. McPherson specializes in vacuum fabrication, ultraviolet optical systems, spectroscopic technique, and high resolution spectral test and measurement instrumentation. End-user and OEM applications include research, metrology, semiconductors, pharmaceuticals, nanotechnology, aerospace and defense

Service/Product Description

Product Lines

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Sales	Light Sources Spectrometers, UV to IR Spectrometers, Vacuum Spectrometers, SXR Detectors Drives & Controllers Fiber Accessories Filter Wheels Telescopes Vacuum Accessories Manufacturing Services Wholesale and Retail
Operations Area	National and International
Imports From	Russia
Export To	Worldwide
Employees	23 employees
Payments With Suppliers	No Complaints

BRANDS

Brand

There are not informed brands

Comments

CLIENTS

Name of Client

Country

Comments

There are not informed clients

Comments

3 M Company USA
A*Star Institute SINGAPORE
Abbott Laboratories USA
Academia Sinica TAIWAN
Aeromet, Inc. USA
Aerospace Corporation USA
AFC Ingenieros SPAIN
AGB Scientific Ltd. IRELAND
Agriculture Canada Res Station CANADA
Air Force Institute of Technology USA
Air Products & Chemicals USA
Alameda Applied Science Corp. USA
Albert Einstein College of Med. USA
Alberta Research Council CANADA
Allergan Ireland IRELAND

Allergan USA
Allied Laboratories Corp. USA
Ames Laboratory USA
Amgen Inc. USA
Amtx Inc. USA
Analytic BioSciences USA
Andover Corp. USA
Andrews Air force Base USA
Applied Analytical Industries USA
Argonne National Laboratory USA
Arizona State University USA
Arkansas State University USA
BARC INDIA
Barr Associates USA
Baxter Healthcare Corporation USA
Bose Institute INDIA
Boston University USA
Bristol Myers Squibb USA
Buffalo State College USA
Cairo University EGYPT
Central California Res. Laboratory USA
Centre Spatial De Liege BELGIUM
Childrens Hospital of Pennsylvania USA
Childrens Hospital of Washington USA
Childrens Sea Shore House USA
Chiral Technologies Inc. USA
Chiron Corporation USA
Cieba Geigy USA
CIEMAT Asociacion Euratom SPAIN
City of Hope Natl. Medical Center USA
Clemson University USA
Cleveland Clinic Foundation USA
CNRS FRANCE
Cochin Univ of Science & Tech. INDIA
Coherent, Inc. USA
College of Staten Island USA
College of William and Mary USA
Colorado School of Mines USA
Colorado State University USA
Columbia University USA
Commonwealth of Virginia USA
Compton Enterprise Co., Ltd. TAIWAN
Concordia University CANADA
Continuum USA
Copel-Lac BRAZIL
Core BioTechnology USA
Cornell University USA
Corning SA (France) FRANCE
Corning, Inc USA

Corning-Tropel USA
County of Fresno USA
County Of Los Angeles USA
Coyote Aerospace USA
Craft Technologies USA
CREOL USA
CVI Laser Corp USA
Cygnus, Inc. USA
Czartech Analytical USA
Dartmouth College USA
Davies Medical Center USA
Decada Medida S.A. PORTUGAL
Deepti Marketing Services INDIA
Denison University USA
Department of Atomic Energy INDIA
Detector Electronics USA
DFA of California USA
DHH - Office of Public Health USA
DHHS Food & Drug Adm - Kansas USA
DHHS/PHS/Food & Drug Adm. USA
Dionex UK UK
Dionex USA
Direct Radiography USA
DongWoo Optron Co., Ltd. KOREA
Dublin City University IRELAND
Duke University USA
Dupont Experimental Station USA
Duramed Pharmaceutical USA
Dynasil Corp USA
East Carolina University USA
East Development Group USA
East Tennessee State University USA
Eastern Virginia Medical Sch. USA
Eastman Kodak Env. Sci. USA
Ecole Polytechnique SWITZERLAND
Edwards Airforce Base USA
Electron Tubes Ltd UK
Electro-Optics Industries, Ltd. ISRAEL
Eloret Corporation USA
Embry Riddle Aeronautical Univ USA
Emisphere Technologies USA
Emory University USA
Environmental Protection Agency USA
Ethiopian Health and Nutrition ETHIOPIA
Evans & Sutherland USA
Fairleigh Dickinson University USA
Fastmetrix USA
FDA - California USA
FDA USA

Fermi Laboratory USA
Fiber Space USA
Finnoptics Oy FINLAND
Florida A and M University USA
Florida State University USA
Ford Motor Company USA
Forschungszentrum Julich GERMANY
Franklin and Marshall University USA
Freie Universitaet Berlin GERMANY
Fundacao de Desenvolvimento BRAZIL
Fundacao Univ Jose Bonifacio BRAZIL
FZ Karlsruhe GERMANY
Galaxia MEXICO
GE Lighting USA
Genentech USA
General Atomics USA
General Electric USA
Genset Singapore Biotech SINGAPORE
Gentec Electro-Optics CANADA
Genzyme USA
Geo Centers USA
George Washington University USA
Georgetown Medical Center USA
Georgia Institute of Chemistry USA
Georgia State University USA
Glaxo SmithKline UK
GlaxoSmithKline USA
Good Samaritan Hospital USA
Government of India INDIA
Hach Company USA
Hampden Sydney College USA
Hampton University USA
Harlan E. Moore Heart Res. Found. USA
Harlan Labs USA
Harvard Medical School USA
Harvard School of Dental Medicine USA
Health Research Inc. USA
Hebrew University of Jerusalem ISRAEL
Heinrich Heine Universitaet GERMANY
Hendrix College USA
Henry Ford Hospital USA
Heraeus - Noblelight GERMANY
Hewlett Packard USA
Hiroshima University JAPAN
Hobart and William Smith Colleges USA
Honeywell FM&T USA
HYTech Research USA
IAMS TAIWAN
IAMS/Academia Sinica TAIWAN

In Vitro Technologies USA
INAOE, Optica MEXICO
Indian Institute of Technology INDIA
Indiana University - Purdue USA
Indiana University of Pennsylvania USA
INFM - TASC ITALY
Innovative Systems, Inc. USA
Inpac International Corporation TAIWAN
Inst Nacional De Investigaciones MEXICO
Inst Plasma Physics CZECH REPUBLIC
Institute for Plasma Research INDIA
Institute for Scientific Research USA
Instituto Astrofisica, Optic MEXICO
Instrutecnica Comercio BRAZIL
Inter University Consortium INDIA
Iowa State Univesity USA
IPCF Area della Ricerca di Pisa ITALY
IPEN BRAZIL
Ist. Nazionale di Fisica Nucleare ITALY
Istituto Di Fisica Dell' Atmosfera ITALY
Istituto Gas Ionizzati - CNR ITALY
James Madison University USA
JayCor USA
Jenoptik LOS GmbH GERMANY
Jet Propulsion Laboratory USA
Jobin Yvon USA
Johns Hopkins University USA
Justervesenet NORWAY
Kansas State University USA
Kappa Laboratories USA
Kellog Eye Center USA
Kirtland AFB USA
Kirtland Airforce Base RETURNED USA
Korea Academy of Ind. Tech. KOREA
Korea Basic Science Institute KOREA
Korea Res. Inst. of Standards KOREA
Kromtec II, Inc. USA
Krueger Food Labs. USA
LA County of Health USA
Laboratoire d'Optique Appliquee FRANCE
Labtronix USA
Lachat Instruments USA
Lambda Physik USA
Lamda Pacific, Inc. USA
Lawrence Berkeley Natl. Lab. USA
Lawrence Livermore Natl. Lab USA
LG Chemical Ltd. KOREA
LiCor Incorporated USA
Lockheed Martin Energy Systems USA

Locktite USA
Logicon Incorporated USA
Los Alamos National Lab USA
LOT GERMANY
Lot-Oriel UK
Louisiana State University -- CAMD USA
Louisiana State University USA
Louisiana State Dept. of Health USA
Lund Institute of Technology SWEDEN
Luxell Technologies, Inc. CANADA
Lyons Company USA
Marine Biological Laboratory USA
Marshfield Clinic Lab. USA
Martin Marietta USA
Max Born Institut Berlin GERMANY
Max-Planck-Institut GERMANY
McGill Univ. of Montreal CANADA
Megah Suria Sdn. Bhd. MALAYSIA
Merck USA
Metrex R&D USA
Michigan State University USA
Midstate Labs. USA
Midwest Research Institute USA
Millenium Research Labs USA
Millipore USA
Miltec Missiles and Space USA
Mission Research Corporation USA
Montana State University USA
Moscow Inst of Physics & Tech RUSSIA
Mountain Aircraft Services USA
MPI für Quantenoptik GERMANY
MPI GERMANY
MTEC USA
Mueller Elektronik-Optik GERMANY
N.I.H./N.I.D.R. USA
NASA Glenn Research Center USA
NASA Goddard Space Flight Center USA
NASA Langley Research Center USA
NASA Lewis Research Center USA
NASA Marshal Space Flight Center USA
NASA USA
Nathan Kline Institute USA
National Chung-Cheng University TAIWAN
National Institute of Metrology CHINA
National Jewish Center USA
National Medical Services USA
National Museum of Natural History USA
National Renewable Energy Lab USA
National Research Council CANADA

National Solar Observatory USA
National Taiwan Inst of Tech TAIWAN
National University SINGAPORE
Natl. Inst. for Fusion Science JAPAN
Naval Research Laboratory USA
NC Agricultural & Technical USA
NCSU, Veterinary Medicine USA
Newport News Ship Building USA
Nikon Corporation JAPAN
Nissei Sangyo Co., Ltd. JAPAN
NIST USA
NIST-Radiometric Phys. USA
NMI van Swinden NETHERLANDS
NOAA USA
Nortel CANADA
North Carolina State University USA
Northeastern University USA
Northern Arizona University USA
Northern Illinois University USA
Northrop Grumman Elec Sys USA
Northwestern University USA
NOVA Measuring Inst. Ltd. ISRAEL
Novartis USA
NPL UK
NSRL, USTC PR CHINA
NSRRC - Natl Synchrotron TAIWAN
Nuclear Science Cryogenic Lab INDIA
NY State Dept of Environment USA
NYS-AES-Cornell University USA
NYU - Medical Center USA
Oak Ridge National Laboratory USA
Oce Printing Systems GmbH GERMANY
Ocean Optics USA
Ofil Ltd. ISRAEL
Ohio University USA
Oklahoma Medical Research FDN USA
Oklahoma State University USA
Old Dominion University USA
Omega Optical USA
Omni Tek Inc. USA
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POSTECH KOREA
PPD USA
Praxis, Inc. USA
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PTB GERMANY
Purdue University USA
Quaid-I-Azam University PAKISTAN
Quantum Vision USA
Queens University CANADA
Radian Electronic Systems USA
Radian International USA
Rainin Instruments USA
RAM, Inc USA
Rensselaer Polytechnic Institute USA
Research Electro Optics USA
Research Triangle Institute USA
Rice University USA
RISO National Laboratory DENMARK
Rockwell Scientific USA
Roswell Park Memorial Institute USA
Rowan University USA
Royal Institute of Technology SWEDEN
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Rutgers University USA
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Smithsonian Astrophysical Obs. USA
Smithsonian Environmental Res USA
Sonntek USA
South Dakota University USA
Southampton Univ UK
Southwest Texas State University USA
Spectral Energy Corporation USA
Spica Technologies USA
SRRC TAIWAN
SSRL USA
St. Cloud State University USA
St. Joseph's Hospital USA
St. Vincent Mercy Medical Center USA
Stanford Linear Accelerator Center USA
Stanford Synchrotron Radiation Lab USA
Stanford University USA
State of Louisiana USA
Stevens Institute of Technology USA
SUNY @ Buffalo USA
SUNY @ Old Westbury USA
SUNY @ Potsdam USA
SUNY @ Stony Brook USA
Supreme Technology USA
Swarthmore College USA
Swiss Fed. Inst of Tech SWITZERLAND
Symyx Technologies USA
Syracuse University USA
T.I.F.R. INDIA
Taiwan Diesel Engineering TAIWAN
Technion ISRAEL
Tel Aviv University ISRAEL
Teledyne Brown Engineering USA
Telekomunikacja Polska S.A. POLAND
Temple University USA
Texas A&M USA
Texas Department of Health USA
Texas Instruments USA
TH & L Systems CZECH REPUBLIKA
The Research Foundation USA
The University of Jyvaskyla FINLAND
Tokyo Instruments, Inc JAPAN
Toshiba Corporation JAPAN
Trabjerg Consulting DENMARK
Transoptics USA
TRW Space & Electronics USA
TSI Mason Research USA
TU Berlin GERMANY
TU Delft NETHERLANDS

TU Graz AUSTRIA
TU Muenchen GERMANY
TU of Denmark DENMARK
TU Wien AUSTRIA
Tyson Foods, Inc USA
U.S. Food and Drug Administration USA
U.S. Navy - Industrial Hygiene Lab USA
UAE University UAE
UCL.A - McDonald Res. Lab USA
UKAEA Fusion UK
Uniroyal USA
United Solar Systems Corp. USA
United States Naval Academy USA
Univ Estadual de Campinas BRAZIL
Univ Nacional de Ingenieria PERU
Universidade Federal da Paraiba BRAZIL
Universita Degli Studi ITALY
Universita di Pisa ITALY
Universitaet Bielefeld GERMANY
Universitaet der Bundeswehr GERMANY
Universitaet Duesseldorf GERMANY
Universitaet Duisburg GERMANY
Universitaet Freiburg GERMANY
Universitaet Hamburg GERMANY
Universitaet Hannover GERMANY
Universitaet Osnabrueck GERMANY
Universitaet Regensburg GERMANY
Universitaet Wuerzburg GERMANY
Universite de Liege BELGIUM
Universite de Sherbrooke CANADA
Universite Pierre et Marie Curie FRANCE
Universiti Malaya MALAYSIA
University College London UK
University di Pavia ITALY
University Mass Medical USA
University of Alabama USA
University of Bombay INDIA
University of Bristol - Inter.Analy.Cen. UK
University of Colorado USA
University of Connecticut USA
University of Essen GERMANY
University of Gdansk POLAND
University of Georgia USA
University of Helsinki FINLAND
University of Lausanne SWITZERLAND
University of Miami USA
University of Michigan USA
University of Nevada - Las Vegas USA
University of New Mexico USA

University of Pittsburgh Med. Cntr. USA
University of Pittsburgh USA
University of Rhode Island USA
University of Rochester USA
University of Saskatchewan CANADA
University of Texas USA
University of Thessalonki GREECE
University of Virginia USA
University of Waterloo CANADA
University of Wisconsin - Madison USA
US EPA USA
US FDA USA
VA Medical Center USA
W.M. Keck Center USA
Wake Forest University USA
Walter Reed Army USA
Weizmann Institute of Science ISRAEL
West Virginia Wesleyan College USA
Westinghouse USA
William & Mary College USA

SUPPLIERS

Supplier Name	Country	Comments
OOO Tidex	RUSSIA	NA
Comments	-	

LOCATION

Headquarters	7-A Stuart Road Chelmsford, MA 01824-4107 USA
Branches	No branches found
Industries	NA

GROUP STRUCTURE AND SUBSIDIARY COMPANIES

Listed at the stock exchange	NO
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Capital	NA
Shareholders (%)	This is a private company. The company does not disclose information on shareholders. Despite our long search, we could not confirm major holders.
Management	D. M. Schoeffel, Chief Executive Officer, Director and Treasurer Christl M Schoeffel, President Jack Felix, Managing Director Kris Schoeffel, Director
Subsidiary Companies	NA
Related Companies	Dealers and Distributors Worldwide Argentina/Chile/Peru/Uruguay Ing. Guillermo Coppa Valley Research Argentina Paso 347 [20-1-2] C.P. 1031ABG, Buenos Aires Argentina cel. 11-15-5420-4842 Tel: 11-3221-2451 Fax: 11-3221-2451 guillermo@valleyresearch.com www.valleyresearch.com Brazil Dr. Ivani Blanco Valley Research Brasil AvJose Galante 30 [24] Sao Paulo, SP 05642-000 Brazil cel. 11-9643-2939 Tel: 11-3773-9364 Fax: 11-3773-9364 ivani@valleyresearch.com www.valleyresearch.com China Depei Wang BOST LTD Room 1003, 10th Floor, Zhong An Sheng Ye 168 Beiyuan Road, Chaoyang Dist. Beijing 100101, P.R. China Tel: 86-10-51294988 ext 101 Fax: 86-10-58246090 dwang@bost-ltd.com www.bost-ltd.com China Dr. Xiangmin Li

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FINANCIAL INFORMATION

General Description	The company does not make its financial statements public. The following information has been provided by private sources:
Year/Currency	2017 USD
Sales	3,750,000
Money Flow	Normal
IMPORT FOB DOLLAR	
Year	Amount
There are not Import Fob Dollar informed	
EXPORT FOB DOLLAR	
Year	Amount
There are not Export Fob Dollar informed	

LEGAL FILINGS

Lawsuits	No found
Trademarks	No records found
Patents Registered	Many McPherson instrument and system designs have been awarded US patents. Some of these include: - Monochromator Adapted for use in the Ultraviolet Region (US Patent No. 3,090,863) This Auto-focusing Normal Incidence instrument is designed for use in the extreme ultraviolet and vacuum ultraviolet region (30 to 200 nm.) It has been modernized and is still in

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	<p>production.</p> <ul style="list-style-type: none">- Ultraviolet Monochromator (US Patent No. 3,211,049) This grazing incidence Rowland circle instrument is designed for use in the soft x-ray and extreme ultraviolet spectral region (1 to 30 nm.) It has been modernized and is still in production.- Optical Grating Spectral Dispersion System (US Patent No. 3,409,374) This criss-cross Czerny Turner optical system is capable of operation from about 105 nm to 10 micrometers in the infrared and features (patented) interchangeable gratings and a vacuum tight housing. This is a modern instrument and remains in constant production to fill a high demand. Additional patents (3,026,435) (3,161,769) (3,490,848) (3,433,557) for easily exchangeable optics, ultraviolet light sources and detectors have also been granted to McPherson.
Renewals	No records found
UCC (Uniform Commercial Code)	No records found
OFAC Sanctions List Search	The company is not listed in the OFAC list.

SUMMARY

Summary

Founded in 1952, McPherson is a custom manufacturer of precision optical instruments and systems for measuring and characterizing spectra. McPherson instruments measure intensity vs. frequency in various regions of the electromagnetic spectrum. McPherson's spectral test instruments are based on the dispersing properties of a diffraction grating and/or refractive prism.

McPherson specializes in vacuum fabrication, ultraviolet optical systems, spectroscopic technique, and high resolution spectral test and measurement instrumentation. End-user and OEM applications include research, metrology, semiconductors, pharmaceuticals, nanotechnology, aerospace and defense.

The company has approximately 23 employees and generates an estimated USD 3.75 million in annual revenue.

The company exports worldwide and imports from Russia, operating within national and international markets.

This has been an ACTIVE company incorporated in DELAWARE in 1986.

RISK INFORMATION

Debts	Controlled
Payments	No complaints
Cash Flow	Normal
State	ACTIVE

INTERVIEW

First Name	NA
Position	Operator
Comments	The person contacted confirmed name, telephone, website, email, principal activity, and operations area, but refused to provide further information, explaining that she was not authorized to do so. She said that the company's information is available at its website.

FOREIGN EXCHANGE RATES

Currency	Unit	Indian Rupees
US Dollar	1	INR 72.80
UK Pound	1	INR 94.88
Euro	1	INR 84.37
USD	1	INR 73.53

Note : Above are approximate rates obtained from sources believed to be correct

INFORMATION DETAILS

Analysis Done by :	VIV
Report Prepared by :	SYL

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RATING EXPLANATIONS

Credit Rating	Explanation	Rating Comments
A++	Minimum Risk	Business dealings permissible with minimum risk of default
A+	Low Risk	Business dealings permissible with low risk of default
A	Acceptable Risk	Business dealings permissible with moderate risk of default
B	Medium Risk	Business dealings permissible on a regular monitoring basis
C	Medium High Risk	Business dealings permissible preferably on secured basis
D	High Risk	Business dealing not recommended or on secured terms only
NB	New Business	No recommendation can be done due to business in infancy stage
NT	No Trace	No recommendation can be done as the business is not traceable

NB is stated where there is insufficient information to facilitate rating. However, it is not to be considered as unfavourable.

This score serves as a reference to assess SC's credit risk and to set the amount of credit to be extended. It is calculated from a composite of weighted scores obtained from each of the major sections of this report. The assessed factors are as follows:

- Financial condition covering various ratios
- Company background and operations size
- Promoters / Management background
- Payment record
- Litigation against the subject
- Industry scenario / competitor analysis
- Supplier / Customer / Banker review (wherever available)

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