

MIRA INFORM REPORT

Report No. :	534877
Report Date :	16.10.2018

IDENTIFICATION DETAILS

Name :	HAYNES INTERNATIONAL, INC.
Registered Office :	Corporation Trust Center 1209 Orange St, Wilmington, New Castle, De, 19801
Country :	United States
Financials (as on) :	30.09.2017
Year of Establishment :	1912
Legal Form :	Corporation
Line of Business :	Subject develops, manufactures, markets, and distributes nickel and cobalt-based alloys in sheet, coil, and plate forms in the United States, Europe, Asia, and internationally.
No. of Employees :	1,124

RATING & COMMENTS

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

MIRA's Rating :	B
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Credit Rating	Explanation	Rating Comments
B	Medium Risk	Business dealings permissible on a regular monitoring basis

Status :	Moderate
Payment Behaviour :	Slow but Correct
Litigation :	Clear

NOTES:

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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 (30.06.2018)	Current Rating (30.09.2018)
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 (TARP) 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.

In December 2012, the Federal Reserve Board (Fed) announced plans 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	HAYNES INTERNATIONAL, INC.
Trade Name	HAYNES INTERNATIONAL, INC.
ID	ID
ID Details	2109284
Creation Date	1912
Incorporation Date	12/1/1986
Legal Address	CORPORATION TRUST CENTER 1209 ORANGE ST, WILMINGTON, NEW CASTLE, DE, 19801, USA
Operative Address	1020 West Park Avenue, P.O. Box 9013, Kokomo, IN, 46904 - 9013, USA
Telephone	765-456-6000
Fax	765-456-6905
Legal Form	CORPORATION
E-Mail	-
Registered In	DELAWARE
Website	www.haynesintl.com
Contact	Mr. Michael L. Shor - Chairman, Interim CEO & President
Staff	1,124
Activity	SIC Code: 3356, Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum NAICS Code: 331491, Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding

BANKS

Name of Bank	Reported Amount
National City Bank	
Fleet Capital Corporation	

Midland Bank

Description

National City Bank: Indenture, dated as of August 23, 1996, between Haynes International, Inc. and National City Bank, as Trustee, relating to the 11 5/8% Senior Notes Due 2004, table of contents and cross-reference sheet. (Incorporated by reference to Exhibit 4.01 to the Registrant's Form 10-K Report for the year ended September 30, 1996, File No. 333-5411.)

Fleet Capital Corporation: The Company maintains a working capital facility (the "Revolving Credit Facility") with Fleet Capital Corporation with a maximum credit limit of \$72,000. The amount available for revolving credit loans equals the difference between the \$72,000 total facility amount, less any letter of credit reimbursement obligations incurred by the Company, which are subject to a sublimit of \$10,000 and an accrued interest reserve calculated on a pro rata basis in connection with the semi-annual interest payments for the Senior Notes. The total availability may not exceed the sum of 85% of eligible accounts receivable (generally, accounts receivable of the Company from domestic and export customers that are less than 60 days outstanding), plus 60% of eligible inventories consisting of finished goods and raw materials, plus 45% of eligible inventories consisting of work-in-process and semi-finished goods calculated at the lower of cost or current market value, minus any availability reserves established by Fleet. Unused line of credit fees during the revolving credit loan period are .50% of the amount by which the total revolving line, \$72,000, exceeds the average daily principal balance of the outstanding revolving loans and the average daily letter of credit accommodations.

Midland Bank: In addition to the aforementioned debt, the Company's UK affiliate (Haynes International, Ltd.) has an overdraft banking facility with Midland Bank that provides for availability of 100 Pounds Sterling (\$157) collateralized by the assets of the affiliate. This overdraft banking facility was available in its entirety on September 30, 2002, as a means of financing the activities of the affiliate including payments to the Company for intercompany purchases. The Company's French affiliate (Haynes International, SARL) has an overdraft banking facility of 2,594 Euros (\$2,562) and utilized 430 Euros (\$424) of the facility as of September 30, 2002. The Company's Swiss affiliate (Nickel-Contor

AG) has an overdraft banking facility of 3,500 Swiss Francs (\$2,371) all of which was available on September 30, 2002.

HISTORY

History

Key Developments

Haynes International, Inc. was founded in 1912 and is headquartered in Kokomo, Indiana.

Haynes International, Inc. Announces Ratification of Labor Agreement

Jul 10 18

Haynes International, Inc. announced that membership of the United Steelworkers Local 2958 (the 'USW') has ratified an agreement covering approximately 482 employees at the Company's Kokomo, Indiana plant. The Company and the USW reached a tentative agreement on July 1, 2018. This agreement succeeds an existing agreement that expired June 30, 2018.

Haynes International, Inc. and USW Reach Tentative Agreement

Jul 2 18

Haynes International, Inc. announced that the Company has reached a tentative five-year agreement with the leadership of the United Steelworkers Local 2958 (USW). The agreement covers approximately 482 employees at the Company's Kokomo, Indiana plant. Before it becomes effective, the tentative agreement must be ratified by the USW membership. The USW has informed the Company that it will take the tentative agreement to its membership for a ratification vote no later than July 6, 2018. Until the ratification process is complete, bargaining unit employees will continue to work under the existing collective bargaining agreement.

Haynes International, Inc. - Special Call

May 29 18

To discuss leadership change

PRINCIPAL ACTIVITY

General Description

Haynes International, Inc. develops, manufactures, markets, and distributes nickel and cobalt-based alloys

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Service/Product Description

in sheet, coil, and plate forms in the United States, Europe, Asia, and internationally.

The company offers high-temperature resistant alloys (HTA) and corrosion-resistant alloys (CRA). Its HTA products are used by manufacturers of equipment, including jet engines for the aerospace market; gas turbine engines for power generation and waste incineration; and industrial heating equipment. The company's CRA products are used in various applications, such as chemical processing, power plant emissions control, and hazardous waste treatment. Its products also have applications in flue-gas desulfurization, oil and gas, waste incineration, industrial heat treating, automotive, instrumentation, biopharmaceuticals, and solar and nuclear fuel industries. In addition, the company produces products as seamless and welded tubulars, as well as in slab, bar, billet, and wire forms. It sells its products primarily through direct sales organizations, and network of independent distributors and sales agents.

Sales

Wholesale

Operations Area

National and International

Imports From

CHINA, GERMANY, INDIA

Export To

MEXICO

Employees

1,124 Employees

Payments with Suppliers

Slow but correct

BRANDS

Brand

Comments

ULTIMET

-

NICOBRITE

-

HYBRID-BC1

-

CLIENTS

Name of Client

Country

Comments

Xochio S.A. De C.V.

MEXICO

-

PIRAMIDE LAKSA DE CV

MEXICO

-

Mexichem Fluor Comercial SA De MEXICO
Cv

Comments

SUPPLIERS

Supplier Name	Country	Comments
Haynes International Co.,Ltd.	China CHINA	-
SMS MEER GMBH	GERMANY	-
Loeser GmbH	GERMANY	-
Shah Eye Care Private Ltd.	INDIA	-

Comments

LOCATION

Headquarters

1020 West Park Avenue, P.O. Box 9013, Kokomo, IN, 46904 - 9013, USA

Branches

Haynes International, Inc.
3786 2ND ST ARCADIA, LA, 71001-5301 United States

Haynes International, Inc.
14101 ROSECRANS AVE STE A LA MIRADA, CA, 90638-3551 United States

Haynes International, Inc.
12241 FM 529 RD HOUSTON, TX, 77041-2805 United States

Haynes International, Inc.
3238 N HWY 39 LA PORTE, IN, 46352 United States

Haynes International, Inc. 430 HAYDEN STATION RD WINDSOR, CT, 06095-1302 United States

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GROUP STRUCTURE AND SUBSIDIARY COMPANIES

Listed at the stock exchange YES: Haynes International, Inc. (HAYN)

Capital 515.574M

Shareholders (%)

Direct Holders

Name	Shares
COMERFORD MARK	53,539
COREY JOHN C	25,099
GETZ ROBERT	18,075
CAMPION DONALD C	17,555
WALL WILLIAM P	16,556
LOSCH MARLIN C III	15,133
MCCARTHY TIMOTHY J	14,288
PINKHAM SCOTT R	13,752
SHOR MICHAEL L	12,150
MAUDLIN DANIEL W	10,756

Top Institutional Holders

Holder	Shares
Blackrock Inc.	1,615,733
Price (T.Rowe) Associates Inc	1,536,613
Vanguard Group, Inc. (The)	1,154,575
Royce & Associates LP	1,137,816
Dimensional Fund Advisors LP	1,056,339
State Street Corporation	419,346
New South Capital Management Inc	367,301
Investment Counselors of Maryland	343,016
Russell Investments Group, Ltd.	301,575
Boston Partners	266,650

Top Mutual Fund Holders

Holder	Shares
Price (T.Rowe) Small Cap Stock Fund	863,300
iShares Core S&P Smallcap ETF	591,571
Price (T.Rowe) Institutional Small-Cap Stock Fund	385,768
DFA U.S. Small Cap Value Series	322,851
Vanguard Small-Cap Index Fund	309,502

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Website : <http://www.mirainform.com>
<http://www.miraglobalcheck.com>
<http://www.miraglobalcollections.com>

Vanguard Total Stock Market Index Fund	305,972
Royce Opportunity Fund	291,750
Royce Total Return Fund	265,597
iShares Russell 2000 ETF	242,359
Wells Fargo Small Cap Value Fd	201,500

Management

Mr. Michael L. Shor - Chairman, Interim CEO & President
Mr. Daniel W. Maudlin - VP of Fin., Treasurer & CFO
Dr. Venkat R. Ishwar Ph.D. - VP of Marketing & Technology

Subsidiary Companies

Mr. Marlin C. Losch III - VP of Sales & Distribution
Mr. Scott R. Pinkham - VP of Manufacturing
LaPorte Custom Metal Processing, LLC - Delaware
Haynes International, Ltd. - United Kingdom
Haynes International, S.A.R.L. - France
Haynes International, AG - Switzerland
Haynes International, S.r.l. - Italy
Haynes Pacific Pte. Ltd. - Singapore
Haynes International (China) Ltd - People's Republic of China
Haynes International (China) Trading Co., Ltd. - People's Republic of China
Haynes International K. K. - Japan

FINANCIAL INFORMATION

General Description

We attach the company's last financial statements.

LEGAL FILINGS

Government Contracts:

Government Contractor: HAYNES INTERNATIONAL, INC
Name & Address: 12241 FM 529 RD
HOUSTON, TX 77041
Number of Defense Contracts Awarded: 1
Dollar Amount of Defense Contracts Awarded: \$18,021

Government Contractor: HAYNES INTERNATIONAL, INC.
Name & Address: 3786 2ND ST
ARCADIA, LA 71001-5301
Number of Defense Contracts Awarded: 3
Dollar Amount of Defense Contracts

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Lawsuits

Trademarks

Awarded:\$114,514

No found.

ULTIMET

unwrought and wrought nickel-, iron- and/or cobalt-
base alloys in various forms; namely, sheet, plate, bar,
billet, tubing...

Owned by: HAYNES INTERNATIONAL, INC.
Serial Number: 74023771

NICOBRITE

welding/shielding gas

Owned by: HAYNES INTERNATIONAL, INC.
Serial Number: 74172185

C-2000

unwrought and wrought metal alloys in various forms,
namely bars, plates, sheets, and wires

Owned by: HAYNES INTERNATIONAL, INC.
Serial Number: 74697076

NS-163

wrought and unwrought common metals and their
alloys in sheet, tubing and wire forms

Owned by: HAYNES INTERNATIONAL, INC.
Serial Number: 77165446

G-50

unwrought and wrought common metals and their
alloys in various forms; namely, sheet, billet, piping and
tubulars

Owned by: HAYNES INTERNATIONAL, INC.
Serial Number: 74168140

HR-224

coated welding electrodes

Owned by: HAYNES INTERNATIONAL, INC.
Serial Number: 77337746

Shielding gas to reduce weld hot cracking

Patent number: 5306358

Abstract: An inert gas nitrogen mixture is used as a
shielding gas to prevent weld hot cracking in
superalloys containing zirconium and/or boron. The gas
mixture preferably contains argon and about 2 to 8% by
volume nitrogen. Test data show excellent results are
obtained when gas tungsten arc welding HAYNES 214
alloy which normally contains boron and zirconium and
a minimal content of titanium.

Type: Grant

Patents Registered

Filed: August 20, 1991
Date of Patent: April 26, 1994
Assignee: Haynes International, Inc.
Inventors: George Y. Lai, Robert B. H. Herchenroeder,
Christopher R. Patriarca

MOLD HAVING CERAMIC INSERT

Publication number: 20140060769
Abstract: An ingot mold has a body having an open top, a bottom with an opening, and a longitudinal cavity passing through the body. The cavity is defined by a cavity wall extending from the top to the bottom. The cavity wall has a recess adjacent the opening in the bottom of the body. A ceramic insert is positioned within the cavity such that the sidewalls of the ceramic insert are in the recess in the cavity wall.
Type: Application
Filed: August 30, 2012
Publication date: March 6, 2014
Applicant: HAYNES INTERNATIONAL, INC.
Inventor: Richard Allen Foster

Mold having ceramic insert

Patent number: 8662143
Abstract: An ingot mold has a body having an open top, a bottom with an opening, and a longitudinal cavity passing through the body. The cavity is defined by a cavity wall extending from the top to the bottom. The cavity wall has a recess adjacent the opening in the bottom of the body. A ceramic insert is positioned within the cavity such that the sidewalls of the ceramic insert are in the recess in the cavity wall.
Type: Grant
Filed: August 30, 2012
Date of Patent: March 4, 2014
Assignee: Haynes International, Inc.
Inventor: Richard Allen Foster

Copper-containing Ni-Cr-Mo alloys

Patent number: 6280540
Abstract: The C-type nickel base alloys of the type containing significant amounts of chromium (about 16 to 25%) and molybdenum (about 12 to 18%) may be improved by adding small but critical amounts of copper (about 1 to 3.5%) which their general corrosion resistance to a wide range of both oxidizing and non-oxidizing industrial media.
Type: Grant
Filed: July 22, 1994

Renewals

UCC (Uniform Commercial Code)

OFAC Sanctions List Search

Date of Patent: August 28, 2001

Assignee: Haynes International, Inc.

Inventor: Paul Crook

No records found.

No records found.

The company is not listed in the OFAC Sanctions List.

SUMMARY

Summary

Founded in 1912, Haynes International Inc. is an organization in the Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding Industry headquartered in Kokomo, IN. The company has 1,124 regular employees. It operates nationally and internationally, mainly exporting to Mexico. It is ACTIVE in business with negative income in its last financial records.

We suggest monitoring its progress for the following 12 months.

RISK INFORMATION

Debts

Payments

Cash Flow

State

Medium

Slow but correct

Low

Active

INTERVIEW

First Name

Position

Comments

Britanny

.

She confirmed the name of the company, the address of the headquarters and location, the date of creation of the company, the number of employees and the name of the Chief Executive Officer.

FOREIGN EXCHANGE RATES

Currency	Unit	Indian Rupees
US Dollar	1	INR 73.97
UK Pound	1	INR 97.08
Euro	1	INR 85.49
USD	1	INR 73.59

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

INFORMATION DETAILS

Analysis Done by :	NIS
Report Prepared by :	NIT

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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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