

MIRA INFORM REPORT

Report No. :	539092
Report Date :	12.11.2018

IDENTIFICATION DETAILS

Name :	TESS ENGINEERING CO LTD
Registered Office :	Shin-Osaka Prime Tower 17f, 6-1-1 Nishi-Nakajima Yodogawaku Osaka 531-0011
Country :	Japan
Financials (as on) :	30.06.2018
Date of Incorporation :	May 1979
Com. Reg. No.:	1200-01-056993
Legal Form :	Limited Company (Kabushiki Kaisha)
Line of Business :	Engineering of energy-saving systems: solar power system, biomass power system, fuel conversion system, gas cogeneration system (diesel, gas, gas turbine, boiler turbine), carbon management, waste water treatment system, RPF boiler, anti-air pollution system, air-conditioning systems, uninterruptible power supply (UPS), micro gas turbine, 24-hour watch systems, other
No. of Employees :	218

RATING & COMMENTS

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

MIRA's Rating :	A
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Credit Rating	Explanation	Rating Comments
A	Acceptable Risk	Business dealings permissible with moderate risk of default

Status :	Good
Payment Behaviour :	No Complaints

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Litigation :	Clear
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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 (30.06.2018)	Current Rating (30.09.2018)
Japan	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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JAPAN - ECONOMIC OVERVIEW

Over the past 70 years, government-industry cooperation, a strong work ethic, mastery of high technology, and a comparatively small defense allocation (slightly less than 1% of GDP) have helped Japan develop an advanced economy. Two notable characteristics of the post-World War II economy were the close interlocking structures of manufacturers, suppliers, and distributors, known as keiretsu, and the guarantee of lifetime employment for a substantial portion of the urban labor force. Both features have significantly eroded under the dual pressures of global competition and domestic demographic change.

Measured on a purchasing power parity basis that adjusts for price differences, Japan in 2017 stood as the fourth-largest economy in the world after first-place China, which surpassed Japan in 2001, and third-place India, which edged out Japan in 2012. For three postwar decades, overall real economic growth was impressive - averaging 10% in the 1960s, 5% in the 1970s, and 4% in the 1980s. Growth slowed markedly in the 1990s, averaging just 1.7%, largely because of the aftereffects of inefficient investment and the collapse of an asset price bubble in the late 1980s, which resulted in several years of economic stagnation as firms sought to reduce excess debt, capital, and labor. Modest economic growth continued after 2000, but the economy has fallen into recession four times since 2008.

Japan enjoyed an uptick in growth since 2013, supported by Prime Minister Shinzo ABE's "Three Arrows" economic revitalization agenda - dubbed "Abenomics" - of monetary easing, "flexible" fiscal policy, and structural reform. Led by the Bank of Japan's aggressive monetary easing, Japan is making modest progress in ending deflation, but demographic decline - a low birthrate and an aging, shrinking population - poses a major long-term challenge for the economy. The government currently faces the quandary of balancing its efforts to stimulate growth and institute economic reforms with the need to address its sizable public debt, which stands at 235% of GDP. To help raise government revenue, Japan adopted legislation in 2012 to gradually raise the consumption tax rate. However, the first such increase, in April 2014, led to a sharp contraction, so Prime Minister ABE has twice postponed the next increase, which is now scheduled for October 2019. Structural reforms to unlock productivity are seen as central to strengthening the economy in the long-run.

Scarce in critical natural resources, Japan has long been dependent on imported energy and raw materials. After the complete shutdown of Japan's nuclear reactors following the earthquake and tsunami disaster in 2011, Japan's industrial sector has become even more dependent than before on imported fossil fuels. However, ABE's government is seeking to restart nuclear power plants that meet strict new safety standards and is emphasizing nuclear energy's importance as a base-load electricity source. In August 2015, Japan successfully restarted one nuclear reactor at the Sendai Nuclear Power Plant in Kagoshima prefecture, and several other reactors around the country have since resumed operations; however, opposition from local governments has delayed several more restarts that remain pending. Reforms of the electricity and gas sectors, including full liberalization of Japan's energy market in April 2016 and gas market in April 2017, constitute an important part of Prime Minister Abe's economic program.

Under the Abe Administration, Japan's government sought to open the country's economy to greater foreign competition and create new export opportunities for Japanese businesses, including by joining 11 trading partners in the Trans-Pacific Partnership (TPP). Japan became the first country to ratify the TPP in December 2016, but the United States signaled its withdrawal from the agreement in January 2017. In November 2017 the remaining 11 countries agreed on the core elements of a modified agreement, which they renamed the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP). Japan also reached agreement with the European Union on an Economic Partnership Agreement in July 2017, and is likely seek to ratify both agreements in the Diet this year.

Source : CIA

COMPANY NAME AND ADDRESS

TESS ENGINEERING CO LTD

REGD NAME: Tess Engineering KK

MAIN OFFICE: Shin-Osaka Prime Tower 17F, 6-1-1 Nishi-Nakajima Yodogawaku Osaka
531-0011 JAPAN

Tel: 06-6308-2073 Fax: 06-6308-0948

URL: <http://www.tess-eng.co.jp>

E-Mail address: (thru the URL)

ACTIVITIES: Engineering of energy-saving systems (photovoltaic power systems,
Cogeneration systems)

LICENSES: Osaka Governor #75638 (construction works/machinery installation works),
#23366 (architectural firm)

BRANCHES: Tokyo, Nagoya, Hiroshima, Fukuoka, Sendai, Sapporo (Tot 6)

FACTORIES: (subcontracted to subsidiary firms)

OFFICERS: TOSHIHIRO TAKASAKI, PRES Katsushige Fujii, dir
Tsutomu Watari, dir Toyoharu Iida, dir
Tomonari Ishida, dir

Yen Amount: In million Yen, unless otherwise stated

SUMMARY

FINANCES	FAIR	A/SALES	Yen 31,304 M
PAYMENTS	NO COMPLAINTS	CAPITAL	Yen 100 M
TREND	SLOW	WORTH	Yen 10,082 M
STARTED	1979	EMPLOYEES	218

COMMENT

ENGINEERING COMPANY OF SOLAR SYSTEMS. FINANCIAL SITUATION CONSIDERED FAIR AND GOOD FOR ORDINARY BUSINESS ENGAGEMENTS.

HIGHLIGHTS

This is an engineering company specializing in energy-saving systems: cogeneration systems, biomass power systems, photovoltaic (PV) power systems, solar shells, solar power systems, other (See **OPERATION**). In Apr 2014 the firm founded a subsidiary, Intelligent Solar System Co Ltd, to concentrate on solar generation

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systems. The firm expanded its operations by the recently enacted system of electric power. Toshihiro Takasaki took the pres office in July 2017. Products are exported thru general trading houses. Clients include major general trading houses for import/export businesses.

FINANCIAL INFORMATION

The sales volume for Jun/2018 fiscal term amounted to Yen 31,304 million, a 22% fall from Yen 40,032 million in the previous term. The recurring profit was posted at Yen 1,389 million and the net profit at Yen 477 million, respectively, compared with Yen 2,097 million recurring profit and Yen 818 million net profit, respectively, a year ago.

For the current term ending Jun 2019 the recurring profit is projected at Yen 1,450 million and the net profit at Yen 485 million, respectively, on a 3% rise in turnover, to Yen 32,250 million.

The financial situation is considered FAIR and good for ORDINARY business engagements.

REGISTRATION

Date Registered: May 1979
Regd No.: 1200-01-056993 (Osaka-Yodogawaku)
Legal Status: Limited Company (Kabushiki Kaisha)
Authorized: 800,000 shares
Issued: 200,000 shares
Sum: Yen 100 million
Major shareholders (%): Tess Techno Service Co (81.7), Hideo Ishiwaki (8.9),
Founder's family, Executives' S/Holding Assn, other
No. of shareholders: 7

Nothing detrimental is known as to the commercial morality of executives.

OPERATION

Activities: Engineering of energy-saving systems: solar power system, biomass power system, fuel conversion system, gas cogeneration system (diesel, gas, gas turbine, boiler turbine), carbon management, waste water treatment system, RPF boiler, anti-air pollution system, air-conditioning systems, uninterruptible power supply (UPS), micro gas turbine, 24-hour watch systems, other (--100%)

Clients: [Mfrs, wholesalers] Sumitomo Corp, Orix, OGCTS, Tokyo Century, T&M Solar, Solar Energy, Awaji Sano Solar Power, other

No. of accounts: 350

Domestic areas of activities: Nationwide

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Suppliers: [Mfrs, wholesalers] Kyocera, Mitsubishi Heavy Ind, Yanmar Energy System Co, Daihatsu Diesel, Takuma Co, Niigata Power Systems Co, Kyocera Corp, Terasaki Electric Co, Miura Co, Minatohama Co, Main Marine Co, Takuma Co, Niigata Power Systems Co, Onamba Co, other

Payment record: No Complaints

Location: Business area in Osaka. Office premises at the caption address are leased and maintained satisfactorily.

Bank References:

MUFG (Juso)
Resona Bank (Shin-Osaka-Ekimae)
Relations: Satisfactory

FINANCES

(In Million Yen)

Terms Ending:	30/06/2019	30/06/2018	30/06/2017	30/06/2016
Annual Sales	32,250	31,304	40,032	39,232
Recur. Profit	1,450	1,389	2,097	2,318
Net Profit	485	477	818	1,383
Total Assets		32,362	30,800	28,648
Net Worth		10,082	9,718	8,927
Capital, Paid-Up		100	100	100
Div.Ttl in Million (¥)		20.00	20.00	20.00
<Analytical Data>	(%)	(%)	(%)	(%)
S.Growth Rate	3.02	-21.80	2.04	-18.96
Current Ratio	
N.Worth Ratio		31.15	31.55	31.16
N.Profit/Sales	1.50	1.52	2.04	3.53

Notes: Forecast (or estimated) figures for the 30/06/2019 fiscal term.

FOREIGN EXCHANGE RATES

Currency	Unit	Indian Rupees
US Dollar	1	INR 72.73
UK Pound	1	INR 94.87
Euro	1	INR 82.52
YEN	1	INR 0.64

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

INFORMATION DETAILS

Analysis Done by :	PRI
Report Prepared by :	KET

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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)