

IEC

**Deep cleaning of Heat Recovery Steam
Generators (HRSGs)**

REQUEST FOR INFORMATION (RFI)

JULY 2026

**THE ISRAEL ELECTRIC CORPORATION LTD.
ENGINEERING DIVISION
MECHANICAL PLANNING DEPARTMENT**

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1. Introduction

Israel Electric Corporation Ltd. (hereinafter referred to as "IEC") is seeking information from suppliers with proven experience in performing **deep cleaning of Heat Recovery Steam Generators (HRSGs) using Dry Ice Blasting technology** at combined-cycle power plants. The requested service shall be capable of penetrating deep into tube bundles and heat transfer surfaces, beyond the outer layers accessible using conventional cleaning methods, while maintaining the integrity of boiler tubes, fins, and other pressure-part components.

This Request for Information (RFI) is intended to identify potential suppliers, collect technical and commercial information, evaluate available technologies, and support future planning for a multi-year HRSG deep cleaning program for HRSG boilers operated by Israel Electric Corporation (IEC).

Detailed technical information regarding the relevant HRSG units will be provided in Section 3 of this document.

At this stage, IEC is requesting information only. This document does not constitute a tender request for proposal, or commitment to enter into any contractual agreement.

2. Purpose of the RFI

The objectives of this RFI are to:

- Identify suppliers with proven experience in performing deep cleaning of HRSG boilers using **Dry Ice Cleaning Technology**.
- Obtain information regarding technologies capabilities of **cleaning deep of all HRSG tube bundles and heat transfer surfaces**.
- Receive evidence of successful execution of similar projects, at least for the last 5 years.
- Obtain information regarding project planning, time for cleaning a module, execution methodology, outage requirements and manpower needs.
- Receive preliminary budgetary pricing estimation for the cleaning of one module.
- Evaluate supplier capabilities to support a future multi-year HRSG cleaning program at IEC sites.
- Response time to call for cleaning of HRSG.

3. HRSG Information

For preparing responses to this RFI, IEC will provide simplified reference drawings of the relevant HRSG boilers. These drawings are intended to provide suppliers with general information regarding the boiler configuration, module arrangement, approximate dimensions, and areas considered for cleaning.

The information included in the drawings is provided solely to support the preparation of responses to this RFI and should not be considered detailed engineering documentation.

The IEC is operating 8 Doosan and 1 Vogt HRSG's.

All HRSG reference drawings provided as part of this RFI are included in Appendix C – HRSG Reference Drawings.

4. Supplier Information Requirements

Suppliers are requested to provide detailed information regarding their proposed solution for performing **deep cleaning of HRSG boilers using Dry Ice Blasting technology**.

The response shall include a comprehensive description of the cleaning methodology, the technologies and equipment utilized, the means by which access is gained to the internal sections of the tube bundles, the inspection and verification methods employed, the required site infrastructure and support equipment, as well as the procedures used for the removal and disposal of deposits, debris, and waste following completion of the cleaning activities.

At a minimum, suppliers shall address the following topics:

- Detailed description of the proposed cleaning methodology.
- Description of how deep cleaning is achieved and how access to the inner rows of tube bundles is established.
- Description of the cleaning media, equipment, and specialized tools used to perform the work.
- Access requirements, including scaffolding, work platforms, and required access openings.
- Requirements for electrical power, compressed air, forklifts, cranes, or other logistics requirements.
- Description of inspection activities performed before and after cleaning.
- Methods used to verify cleaning effectiveness, including borescope inspections or other verification techniques.
- Procedures for the removal of deposits, dust, debris, and waste generated during and after the cleaning process.
- Typical project duration and execution schedule.
- Estimated price for Cleaning One Module of HRSG Unit.
- Manpower requirements and project organization.
- Advantages of the proposed cleaning method.

- Limitations and disadvantages of the proposed cleaning method.
- Potential risks associated with the work and mitigation measures.
- Reference list containing cleaning projects during the last 5 years, done in similar HRSG with including the scope of work and the results achieved following the cleaning activities.
- Contractor availability and estimated lead time for project mobilization.

Suppliers shall complete the **Technical Supplier Response Form provided in Appendix A.**

5. Supplier Experience and Similar Projects

Suppliers shall demonstrate their experience in performing **deep cleaning of HRSG boilers using Dry Ice Blasting technology.**

Experience with **Doosan** or **Vogt** HRSG boilers will be considered an advantage; however, it is **not a mandatory requirement.**

Suppliers shall complete the **Supplier Experience and Reference Projects Form** provided in **Appendix B.**

6. RFI Procedure

The information submitted to this RFI will be evaluated by IEC's staff, in aspects such as method, safety, quality control, effectiveness and previous projects.

To submit information please contact us with the following information

The participants are kindly requested to submit the requested information by no longer than October 15, 2026.

Responses to this RFI received after the above-mentioned date may result in the information supplied being disregarded.

All information should be sent to: Kseniya Puchkin

Email address: ksenia.puchkin@iec.co.il

The proposal shall be sent by email as follows:

Subject: "IEC- HRSG boiler cleaning RFI - name of your company"

Mail recipient: ksenia.puchkin@iec.co.il

7. Review of Israel Electric Corporation (IEC)

IEC is a government owned Electric corporation. The company is involved in the design, installation, operation and maintenance of conventional power plants.

Further information can be found on IEC's website: www.iec.co.il

Legal status of this RFI

1. Instructions to the Respondents:

- 1.1. A Respondent who wishes to be considered for further evaluation towards inclusion in the contemplated purchasing process shall provide all the details and information requested in this RFI and other prequalification documents which may be required.
- 1.2. The sole purpose of this RFI and prequalification process is to provide the IEC with certain information. Neither participation in this RFI and prequalification process, nor the provision of any information hereunder or otherwise shall grant the respondent any right, legal or otherwise, regarding participation in any current and/or future purchasing process conducted by the IEC. A response to an RFI shall not bestow upon any person responding there to any advantage in any procurement procedure, if such procedure should be publicized at all, and IEC shall not be obliged to include the Respondent in the procurement process.
- 1.3. IEC shall be entitled to use the information obtained by way of the RFI, as well as any data, solution, process, technique or suggestion contained in any of the responses or documents/response material submitted to IEC related thereto. Without derogating from the above, IEC shall keep any information/data received from any person responding to the RFI in strict confidence and shall not permit the use or use same for any purpose than for its own needs unless such information must be disclosed subject to a right granted by law.
- 1.4. IEC reserves the right to request further information from parties who choose to participate in this process.
- 1.5. Provision of references to IEC shall be deemed the agreement to apply to the referenced power stations or other named facilities for verification, review, and receipt of opinions regarding the respondent.
- 1.6. The IEC shall be under no obligation to enter any transaction or purchase process of any type or kind with any party, whomsoever who responds to or participates in any procedure for this RFI to be used for the purposes of acquisition of services/equipment/systems/goods or data which is the subject of this RFI or for purposes of their development, application, production or construction.
- 1.7. Any exceptions, changes, or additions to these above instructions, whether contained in any response to the RFI or otherwise, shall be devoid of validity and legal effect and shall not obligate the IEC.

- 1.8. This RFI is not a tender and IEC is not obligated to accept any proposal or to enter into any agreement with any of the respondents. IEC reserves the right to cancel this RFI process at any time, for any reason, without any liability whatsoever.

Appendix A – Technical Supplier Response Form

No	Subject	Supplier Response
1	Proposed Cleaning Method Name	
2	General Description of the Cleaning Method	
3	Description of the Deep Cleaning Process	
4	Method Used to Access Inner Tube Bundle Rows	
5	Primary Equipment Used for the Work	
6	Cleaning Media Used (Dry Ice, etc.)	
7	Boiler Access Requirements	
8	Scaffolding or Work Platform Requirements	
9	Crane and Forklift Requirements	
10	Electrical Power Requirements	
11	Compressed Air Requirements	
12	Additional Site Support Requirements	
13	Method Used to Verify Cleaning Effectiveness	
14	Use of Borescope Inspection (Yes/No)	
15	Pre-Cleaning Inspection Methodology	
16	Post-Cleaning Inspection Methodology	
17	Method of Removing Debris, Dust, and Deposits from the Boiler	
18	Waste Handling and Disposal Method	
19	Required Manpower	

No	Subject	Supplier Response
20	Advantages of the Proposed Method	
21	Limitations or Disadvantages of the Proposed Method	
22	Potential Risks Associated with the Work	
23	Measures Taken to Prevent Damage to Tubes and Fins	
24	Expected Performance Improvements Following Cleaning	
25	Estimated Lead Time from Purchase Order to Mobilization	
26	Estimated Cleaning Effectiveness (%)	
27	Estimated Percentage of Heat Transfer Surface Reached	
28	Additional Information	
29	Typical Duration for Cleaning One Module of HRSG Unit	
30	Estimated price for Cleaning One Module of HRSG Unit	
31	Contractor availability and estimated lead time for project mobilization	

Appendix B – Supplier Experience and Reference Projects

Suppliers shall provide details for at least five (5) similar projects completed during the last ten (10) years.

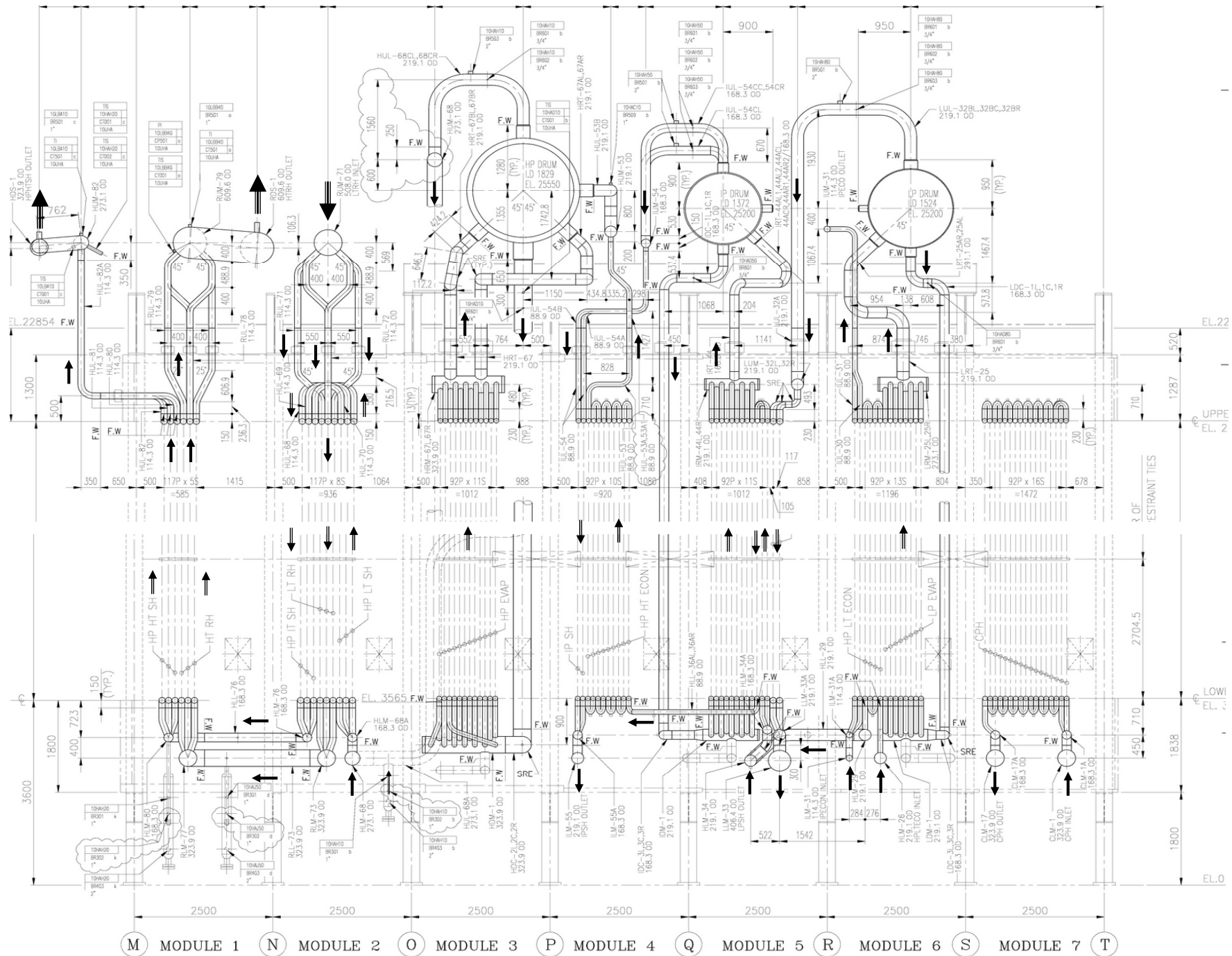
Reference Projects

Facility Owner / Company	Country	Plant / Site	HRSG OEM	Year of Execution	Scope of Work	Project Duration (Days)	Key Results Achieved Following Cleaning

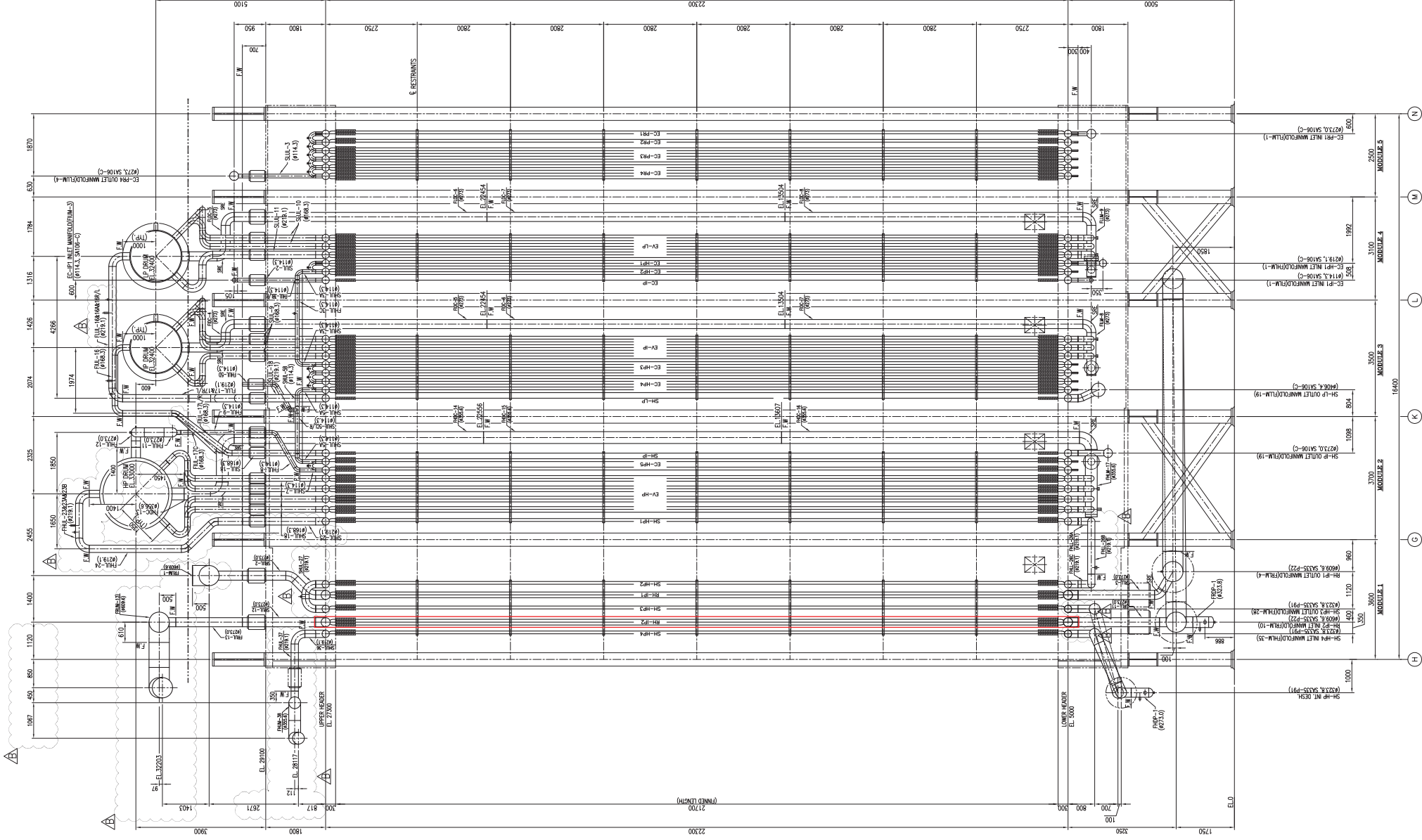
Supplier Experience Summary

Parameter	Supplier Response
Years of experience in HRSG deep cleaning services	
Number of HRSG deep cleaning projects completed during the last 10 years	
Number of projects performed at combined-cycle power plants	
Availability to perform projects in Israel	
Additional relevant information	

Appendix C – HRSG Reference Drawings



SIDE ELEVATION VIEW



SIDE ELEVATION VIEW

