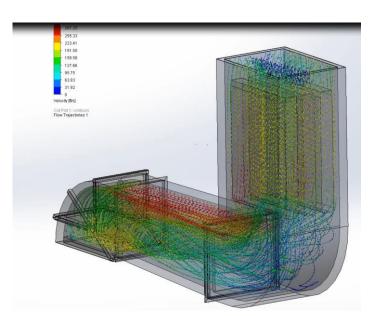


# Load 203 : Displacement Displacement



# **ENGINEERING CAPABILITIES**

### **ACOUSTIC DESIGN**

Our experienced team of acousticians are able to develop, model and optimize a noise control solution to meet your needs, using the latest software.

### STRUCTURAL DESIGN

Our structural engineers have experience using building codes across North America and around the world.

### FINITE ELEMENT ANALYSIS

Regions of high stress due to thermal cycling or high loading are assessed by means of FEA software to ensure equipment life cycle and structural requirements are met.

### **CFD ANALYSIS**

The ability to determine gas turbine inlet and exhaust component performance in the presence of highly turbulent flows is critical to our clients. Our engineering team has the know-how and experience to use CFD as a tool to validate our system designs.

# GAS TURBINE ACOUSTIC DESIGN

### **PROVEN DESIGNS**

Over the past 40 years SPL Control have developed proprietary acoustical calculations and designs which have proven to consistently meet our clients' needs on both new and retrofit design applications.

### **CRITICAL NOISE APPLICATIONS**

SPL Control shines on applications that require custom engineered solutions. We have a long history of achieving critical dBA, dBC, octave band and low frequency noise criteria.

### SITE ACOUSTIC MODELING

SPL have the state-of-the-art diagnostic tools and 3D acoustic modeling software to assess existing noise and the acoustic impact of new or retrofitted equipment. These tools and our experience assist our clients in achieving optimized solutions.

### **GUARANTEED COMPLIANCE**

The strength of our engineering team and our long history of installations allows SPL Control to stand behind our guaranteed performance for even the most challenging requirements.



### **QUALITY SYSTEM**

SPL Control's Business Management System (QMS) is certified by SGS North America, Inc. to the latest ISO 9001:2015 standard and is audited annually, ensuring that our client requirements are transferred into every project we deliver.



### **CLIENT QUALIFICATION**

We are an ISNet World approved supplier, ensuring that our health, safety, quality, insurance, training and cybersecurity procedures are evaluated and approved. This streamlines our qualification process with participating clients.



### PROFESSIONAL ENGINEERING

SPL have on staff qualified structural and acoustical engineers and perform our engineering activities under a Certificate of Authorization issued by Professional Engineers Ontario and APEGA in Alberta, Canada.





# **QUALIFICATIONS**

# **EXPERIENCE**

400+ ENGINEERING SOLUTIONS AROUND THE GLOBE

### **OEM SOLUTIONS**

SPL Control has been the Gas
Turbine OEM supplier of choice for
decades. Our customer support,
technical expertise, repeatable
quality system and competitive
pricing all work together to make us
a Tier 1 supplier.

### **RETROFIT SOLUTIONS**

Based on our vast experience and site support capabilities, SPL is the preferred retrofit solution provider for many end users. We provide supply-only, as well as turn-key solutions for gas turbine silencing applications.

### **REPEAT CLIENTS**

Many of our clients have been working with SPL Control for 40 years or more. They have come to rely on us due to our technical expertise, optimized solutions, proven designs and on-time delivery.







## **SUMMARY**



SPL Control has been providing gas turbine silencing equipment for the Oil & Gas and Power industries since 1976. Our many repeat clients continue working with us because of our deep experience, engineering expertise, quality system and culture of customer support.

Please let us know how we can assist with your gas turbine acoustic needs. We are ready to support you with early budgetary estimates and design optimization, right through to project execution.

SUMMARY

