



DEPARTMENT OF  
ENVIRONMENTAL  
PROTECTION

59-17 Junction Boulevard  
Flushing, New York 11373

Caswell F. Holloway  
Commissioner

July 12, 2010

Siemens Building Technologies HVAC Products GMBH  
Berliner Ring 23  
76437 Rastatt, Germany



**Re: Siemens SQN71 Actuators**

Gentlemen:

Based upon the information and test data submitted by you, the Siemens SQN71 actuators are conditionally accepted until July 12, 2011 as having complied with the appropriate sections of the "Engineering Criteria-Fuel oil burning Equipment", effective July 1, 1973.

This acceptance is valid until July 12, 2011 provided that the above equipment and all associated specifications remain as approved by the Department. Should it be necessary to modify any of the specifications, the manufacturer is required to notify this Department and seek prior approval of the proposed modifications. The conditional acceptance of the Siemens SQN71 series actuators beyond this date will be contingent upon the satisfactory performance of the installed units as stipulated in the Engineering Criteria and as checked by the Bureau's engineers in the field.

It is the responsibility of the manufacturer to ensure that the actuators listed above meet the requirements of the other agencies of the City of New York (i.e. Board of Standards and Appeals, Fire Department, and Department of Buildings). It is understood that this approval is not to be used, in any way, for commercial or advertising purposes.

Very truly yours,

R. Nandi, P.E.  
Chief, Fossil Fuels Engineering

CC: Mr. Swapnil Marda, Environmental Engineering Solutions, P.C.  
Mr. Bertram Leng, President, SCC, Inc



[www.nyc.gov/dep](http://www.nyc.gov/dep)

DIAL 311 Government Information  
and Services for NYC

## MEMORANDUM

To: Fossil Fuels Engineering Staff  
From: Dennis Antzoulatos  
Equipment Acceptance

Date: July 12, 2010  
Subject: Siemens Actuator  
Model SQN71

---

### New Criteria Data Sheet #136 Supplement 60

The Bureau of Environmental Compliance has accepted the Siemens SQN71 model actuators. The actuators are for use with oil and gas burners of smaller capacity and are suited for driving flow control valves, butterfly valves, dampers and other applications where rotary motion is required.

They have lower torque ratings (13 and 22 in-lbs versus 90 to 350 in-lbs) than the previously accepted SQM5 series actuators (Data Sheet #136, Supplement 24)

The actuators are for use with firing rate controllers capable of 3 position output signals such as the previously accepted Siemens RWF40 control (Data Sheet #136, Supplement 24).

The model number may be suffixed in the following manner:

**SQN71.203R19**

Where, **SQ71** indicates the model

- 2:** indicates a 3.5 second run time (4 and 6 indicate run times of 10 and 25 sec.)
- 0:** indicates the connection diagram
- 3:** indicates the total number of switches
- R:** indicates actuator is a North American model
- 1:** indicates a voltage/frequency of 120V/50-60Hz (2 indicates 230V/50-60 Hz)
- 9:** indicates shaft number

The actuators will be equipped with a durable label for identification in the field.

**Note: The SQN71 actuators are not suitable for use on any Siemens LMV linkage less system.**