

Gene Strehlow
14-573

MONITORING THE FIELD

June, 1972

Issued by Field Engineering
Johnson Service Company, Milwaukee, Wis.

Vol. 16 No. 6

COMPANY POLICY OSHA COMPLIANCE PROGRAM

Our President, Mr. F. L. Brengel, has issued a policy statement regarding the Occupational Safety and Health Act of 1970. In accordance with this policy, (shown below in its entirety), the Company Safety Officer, located in Milwaukee, will be developing procedures that are to be followed uniformly throughout the corporation.

One feature of the compliance program is that all branch office and factory locations are to have a responsible person who will be designated as our OSHA representative. This person will be kept informed of regulations and, in turn, will be responsible for keeping the Company Safety Officer informed of local action. Compliance with the policy is the direct responsibility of each Branch Manager in his area of jurisdiction.

We will attempt to provide timely and pertinent information as well as to relate experiences in various areas which we feel will be of value to others. (For your information, Sales Memo No. 262-C contains details of OSHA as it pertains to our phase of the industry.)



JOHNSON SERVICE COMPANY COMPANY POLICY STATEMENT

It is the earnest desire of the management of the Johnson Service Company to officially and publicly make known its position with regard to the well-being of its employees.

It is therefore the policy of this company:

- THAT the safety of its employees in all of its operations is paramount.
- THAT the company intends to comply with all safety laws and ordinances.
- THAT every employee shall have a safe and healthful place in which to work, and to this end, every reasonable effort will be made in the interest of accident prevention, fire protection, and health preservation.

To attain these objectives, it will be the responsibility of all general managers, divisional managers, regional managers, and branch managers:

- TO maintain a comprehensive safety program at all times.
- TO maintain neat, clean, safe and healthful working conditions.
- TO comply with all federal, state, and local legislation pertaining to fire hazards, accident prevention, and working conditions.
- TO insist that employees use the safety equipment provided and observe the established rules of conduct and safety in their assignments.

Management has conscientiously accepted its responsibility for the prevention of industrial accidents and solicits the individual cooperation of every employee to help assure the safety of himself and fellow employees through personal commitment to these principles.

F. L. Brengel
President

June 1, 1972

VACATION NOTE

Employee discounts for Disney World in Florida, and various tourist attractions in California (including Disneyland) are still available. Contact the Editor of Monitoring The Field, 507 East Michigan St., Milwaukee, Wis. 53201. Be sure to include your home address.

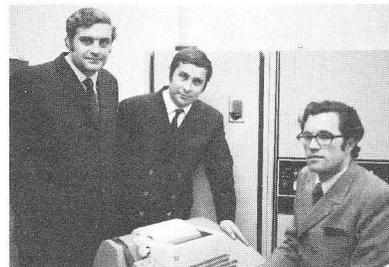
* * *

HIGH VELOCITY MIXING BOX ORDERS (ALWAYS ON FORM 1634)

Unless otherwise notified, all mixing box manufacturers ship units with "their" standard sequence of control. In order that we may closer coordinate orders with box manufacturers, WE ASK THAT YOU COOPERATE BY ADVISING US AT THE TIME AN ORDER IS PLACED WHENEVER THE SEQUENCE OF CONTROL REQUIRED FOR THE SPECIFIC JOB IS NOT THE MANUFACTURER'S "STANDARD." Failure to indicate a nonstandard sequence will mean that actuators and sequence must be changed in the field. (We especially urge the person in each branch who is authorized to order controls for mixing boxes to clip this notice and file it with his price sheets.)

	MANUFACTURER	STANDARD SEQUENCE
Double Duct Constant Volume	All Manufacturers	DA Control
Single Duct Variable Volume	Tempmaster	RA Control (Units Linked N.O. to Maximum Volume)
	Trane	
	Connor	System CV-74 is a "special"; controls must be matched to each individual system.
	All Other Manufacturers	DA Control (Minimum Volume With No Control Air to the Actuator)
Dual Duct Variable Volume	All Manufacturers	Standard Sequence Varies with Manu- facturer. Always note on your order whether stats are DA or RA.

* * *



Mike Hester (left), Field Engineer from Engineering Services, Toronto, and Jeff Clarke (center), Regional Engineer from Leatherhead, England, look on as Bill Powell (right), Regional Engineer from Milano, Italy operates the new JC/80 Building Automation System. These three men spent some time in the United States to gain first hand knowledge of our new system.

WHO'S WHO ON FACTORY ROW

Three years ago Johnson's "Methods Analysis Program" (MAP) was initiated, with Mr. Jack Vierheilg at the helm. Since then, 25 departments in Milwaukee and more than 48 of our branches have gone through a MAP review.

MAP is a long-range program designed to improve and expand our skills and plan intelligently for future growth. It is not intended to be a witch-hunt for elimination of jobs.

Some of the goals of the program, which centers around office procedures, are to determine how many people are needed to do a given amount of work; what can be expected from these people; help spot peak load periods; aid in job training; call attention to methods and procedures which might be improved; and provide an accurate basis for employee performance reviews.

In his travels, Jack has found most Johnson branches have pretty much the same sets of problems. He has been impressed with the friendly welcome extended to him.



**Jack L. Vierheilg, Manager
Administrative Procedures**

Before coming to Johnson, Jack worked in various Systems and Data Processing positions. He has been with Johnson for a total of seven years. Jack graduated from Marquette University in Milwaukee with a B.S. degree in Accounting.

Among his social affiliations are Beta Alpha Psi, an Accounting Fraternity, and the Association for Systems Management. He is also serving as Milwaukee County Business Leader for the 1972 March of Dimes, and he has contacted most major industries in Milwaukee for this worthy cause.

"\$UCCESS IS"

**T
O
R
I
E
S**

... by and for the Johnson SERVICE Organization.

* * *

Each month we hear more and more about the various accomplishments of our Field Service Group. This further emphasizes what a fine team we have at Johnson. Efforts highlighted this month are:

**ALBUQUERQUE OFFICE:
APPRENTICES WIN ANNUAL AWARDS: -**



JOHNSON SERVICE COMPANY INTER-OFFICE

SUBJECT APPRENTICESHIP CONTEST
FROM A. Bruce Cantrell, Manager, Albuquerque
TO J. W. Braak, WRO, Denver
cc: George Maxwell, Milwaukee 8/310
Russ Troy, Albuquerque
Wilfred Lang, Albuquerque
Bud Larsen, Albuquerque
Nick Deresin, Albuquerque

Bill, this letter will be one of those pleasant duties as a branch manager in advising you that three apprentices of Pipefitters and Steam Fitters Local Union 412 walked away with the Apprenticeship awards for this year. Wilfred Lang scored first place in fitter classification, Bud Larsen scored second in fitter classification, and Nick Deresin scored second place in plumbers classification.

Needless to say, I know that you are as proud of these men as I am and wanted you to know that the Albuquerque operation owes a great deal of its success story to the competence as shown by these three outstanding men.

* * *

**YOUNGSTOWN OFFICE:
REFRIGERATION CAPABILITIES: -**



JOHNSON SERVICE COMPANY INTER-OFFICE

SUBJECT REFRIGERATION CAPABILITIES
FROM JAMES V. MARTER YOUNGSTOWN
TO GEORGE MAXWELL MILWAUKEE

Late last summer, we were able to hire a very good refrigeration man. We had just signed a total maintenance agreement at a building for \$8840.00 and the first thing we found were three bad refrigeration compressors. With this new capability, we were able to handle this work and it gave us an additional \$6759.82. We are hopeful for a lot of this kind of service this summer.

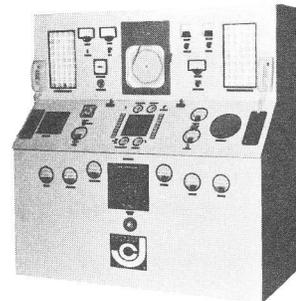
As per our recent phone conversation, I had advised that we recently signed an agreement for a "Mammoth" roof top unit. This is an 18,000 CFM unit, 15 HP blower motor, gas heating and 2-30 HP compressors. You will notice that we only include inspections and any parts required are extra.

If you desire additional information, please let me know.

**BALTIMORE OFFICE: -
SERVICEMAN PROMOTES JOHNSON CONTROLS: -**

Bill Becker, Field Serviceman in the **Baltimore Branch**, recently gave a lot of promotion to the "Johnson Control" image by completely fabricating a "space control center" for use in the Knights of Columbus yearly play, "Columbian Capers." The space control center was fabricated from materials donated by a mechanical contractor from one job site and excess materials accumulated in the Baltimore Office.

Bill has been with Johnson Service Company for 12 years, and a member of the Knights of Columbus for 22 years. He recently received an award as Knight of the Month, and was cited for his outstanding support over the years.



**Bill
Becker's
"Space
Control
Center"**

* * *

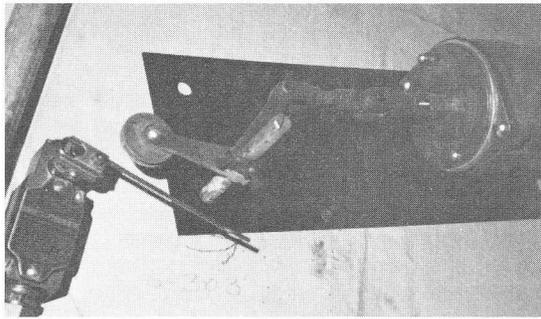
**SIOUX FALLS OFFICE:
SALE OF FUEL OIL ADDITIVES:-**

The success achieved by **Lyle Johnson**, Service Salesman in the **Sioux Falls Office**, in selling Dearborn's Fuel Oil Additive RF-550 has resulted in a National Purchasing Agreement with the manufacturer so that this product is available for purchase and resale by all of our offices. (See Sales Memo No. 178-I.)

If you have a large number of oil burners in your area and do this type of service work, a little investigation will reveal that all customers must buy these additives to keep clean and efficient oil burners.

IDEA OF THE MONTH

SPOTLIGHT ON CONSTRUCTION



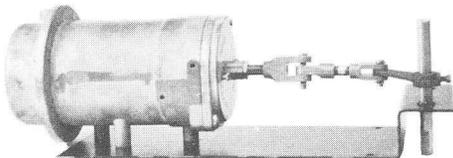
William Hahn, Installation Mechanic in our Chicago Branch, shows how he mounts Allen-Bradley end switches on the outside of a duct. Bill uses a standard D-251 #4 damper actuator crankarm, two plaster washers, two nuts and one 1/4 x 20 bolt.

* * *

FOR SALE

ONE ELECTRIC MOTORIZED MITER BOX
ROCKWELL MODEL 34-010
VERY HANDY FOR CUTTING FILTER FRAMES
Contact Ben Harrison, Cedar Rapids Branch

* * *



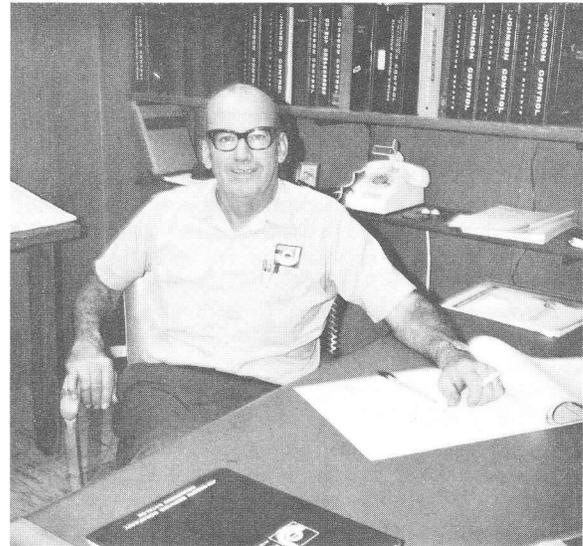
D-251 #4 DUCT MOUNTING (TYPE "W")

Now Being Furnished: A new D-251 #4 offset mounting plate with brass bushings, one in each shaft opening to provide a support bearing for the damper shaft extension. This new mounting arrangement should save you a great deal of time and trouble when duct mounting (Type "W") the D-251 #4. (The Code Number for the plate only is D-251-1000, listed on Standard Equipment Sheet D-23-P.)

Very soon you will be receiving these plates equipped with plastic bearings. The plastic bearings have been tested by cycling more than 500,000 times and have shown very little wear.

* * *

Construction News is contributed by the Central Construction Department and all correspondence concerning it should be directed to Clyde Frampton, 8-383, Milwaukee.



Dean Lockwood
Construction Superintendent
Moline, Illinois Branch Office

The overall supervision of all installation activities in the Moline Office is the responsibility of Construction Superintendent Dean Lockwood.

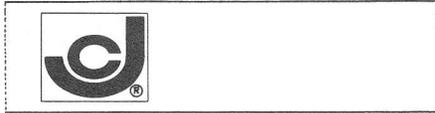
The Moline Office is located near the western border of northern Illinois and serves counties in Illinois and Iowa. Dean, his wife and two daughters live in Bettendorf, Iowa, which is just across the Illinois-Iowa border.



Dean started with Johnson 13½ years ago as a Mechanic in the Cedar Rapids, Iowa Branch Office. In January of 1970 he was transferred to Moline as Construction Superintendent. He has done exceptionally well there, as evidenced by the words of Moline Branch Manager Tom Zukowski: "Dean is a conscientious and hard worker. He strives to improve construction efficiency through new techniques and better coordination between office and field."

When asked to comment on the major problem about which he is most frequently contacted, Dean said: "Having the **correct** drawings, information and materials can reduce our job costs considerably."

Dean grew up and attended school in Central City, Iowa. From 1941 to 1945 he served as a Buck Sergeant in the U.S. Army. From 1946 until 1970 he was affiliated with Cedar Rapids Pipefitters Local 125. He now belongs to Moline Local 25. Dean is a member of the Elks Club. His hobbies include golf and woodworking, and he makes his claim to fame as an expert backyard chef.



**Adhesive Label Tape
for Marking and
Identifying Equipment
Each Roll is 3/4" x 60 Yards
Perforated Every 3".**

Another new item has been added to the Construction Materials catalog. This adhesive label tape is 3/4" wide and displays our standard JC logo. Its surface is suitable for marking with a pen or pencil. The tape is intended to satisfy numerous requests for a method of identifying our installed piping, EMT and junction boxes, so that they can be separately identified from those installed by other contractors. It can also be used for coding tubing and instrumentation.

* * *

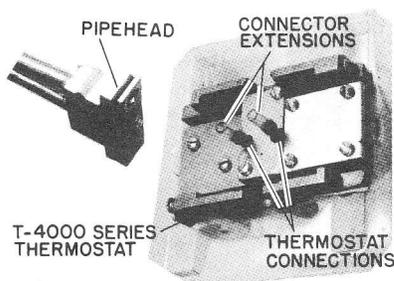
**PLUGGING T-4000 CONNECTOR EXTENSIONS
INTO PIPEHEADS**

You may be receiving T-4000 thermostats with the short connectors instead of the old style insertion tubes. The short connectors have an extension installed at the factory so that they will fit the standard pipehead.

Sometimes, when plugging a new controller into a standard pipehead, it may appear that the extension is too short. This is not true! The real problem is that the extensions tend to slip back onto the connector rather than going into the gasket on the pipehead. This is due to the friction between the extension and pipehead gasket.

To allow the extension to slip into the pipehead more easily, simply lubricate the tip of the extension by wetting it or spraying with silicone spray, available from most hardware supply stores.

CAUTION: When using silicone, lubricate only the tips of the extensions. If you get the lubricant on the connector you will further complicate your problem, for the extension will slip on the connector even more than before.



T-4000 As Furnished From Factory

SAFETY FIRST!

**IMPORTANT NOTICE: HERE'S WHAT TO DO WHEN AN
OSHA COMPLIANCE OFFICER
ARRIVES ON YOUR JOB SITE.**

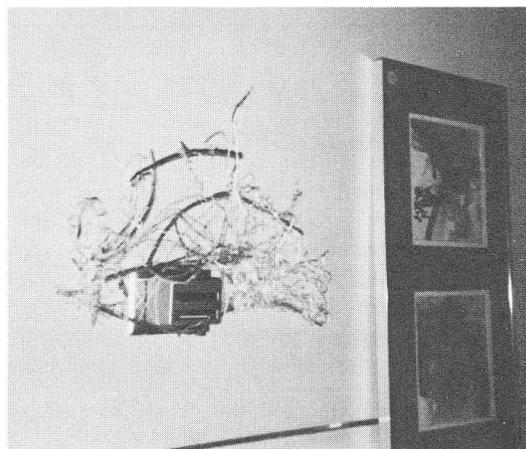
1. Ask politely for his or her credentials which must include a photo of the Compliance Officer. If the person does not have the required credentials, ask for the Area Director's name and telephone number and call the director to check out the inspecting officer. (There have been a few fraudulent inspectors.)
2. If the credentials check out, ask whether Johnson Service Company management personnel have been contacted. If not, you should notify your branch office management **before** an inspection is conducted.

(Under the rules of OSHA, management has the right to accompany the Compliance Officer on his inspection.) When your branch office has been notified of the Compliance Officer's presence, you will either be given authority to accompany the officer, or you will be told to wait for a management representative to arrive.

3. If you are the company's representative, the following facts should be recorded.
 - A. The inspector's name, area office address and telephone number.
 - B. The inspector's comments, suggestions, and any alleged violations noted. You are responsible for getting this recorded information to the branch manager immediately.
4. Branch Manager: If a citation for violation is issued on one of your projects, you must contact Milwaukee immediately and relate the information outlined in steps 1, 2 and 3 above. (Contact L. Tarantino, 17-745.) Time must be allowed to determine whether a contest should be filed (only 15 days are allowed for filing).

You can see that all the above rules are important and must be adhered to if we are going to comply with OSHA rules. Above all, be polite and courteous to any officer, but be firm in insisting that he also abide by the rules.

* * *



MODERN ART: This objet d'art is currently being featured in an exhibit in the lobby of the Dwight David Eisenhower Memorial Library on the campus of John Hopkins University. Thanks to **John Arbaugh** (who just happened to have a camera handy), we can all share in appreciating a masterpiece. John is the Engineering Department Supervisor in our **Baltimore Office**.