

**NUMERICAL INDEX — DIVISION 161**  
**SPEED REDUCTION UNITS, CONVERTERS, INVERTERS,**  
**AIR DRYERS, COMPRESSORS, COMPRESSOR-DEHYDRATORS, DEHYDRATORS,**  
**EXHAUSTER SETS, FANS, TUBE COOLING SYSTEMS, VENTILATING EQUIPMENT,**  
**CALL ANNOUNCER MACHINES, AND WAVEGUIDES**

**1. GENERAL**

- 1.01** This section provides an index of System-issued sections in Division 161.
- 1.02** A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 1.03** A square (□) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.
- 1.04** "Add" is the abbreviation for Addendum; "App" is the abbreviation for Appendix; and "Sup" is the abbreviation for Supplement.

**2. LAYERS**

- 2.01** This division is arranged in layers as follows:
- 161-0 Indexes and Equipment Test Lists
    - 1 Speed Reduction Units
    - 2 Converters and Inverters
    - 3 Air Dryers, Compressors, Compressor-Dehydrators, Dehydrators and Waveguides
    - 4 Exhauster Sets, Fans, Tube Cooling Systems, and Ventilating Equipment
    - 7 Call Announcer Machines

**3. INDEX AND EQUIPMENT TEST LISTS**

Section Number	Issue	Subject
<b>161-0 INDEXES</b>		
● 161-000-000	43	Numerical Index — Division 161 — Speed Reduction Units, Converters, Inverters, Air Dryers, Compressors, Compressor-Dehydrators, Dehydrators, Exhauster Sets, Fans, Tube Cooling Systems, Ventilating Equipment, Call Announcer Machines, and Waveguides
<b>161-001 Equipment Test Lists (ETL)</b>		
161-001-010	2	Instructions
● 161-001-012	2	Speed Reduction Units
Sup 161-001-013	2	Converters and Inverters
161-001-013	1	
● 161-001-014	2	Air Dryers, Compressors, Compressor-Dehydrators, Dehydrators, and Waveguides
● 161-001-015	2	Exhauster Sets, Fans, Tube Cooling Systems, and Ventilating Equipment
● 161-001-018	2	Call Announcer Machines

Section Number	Issue	Subject
<b>161-1 SPEED REDUCTION UNITS</b>		
161-105-301	1	Cleveland Worm and Gear Company's — With Driving Motor — Per KS-1571 — Operating Methods
161-105-701	1	Cleveland Worm and Gear Company's — With Driving Motor — Per KS-1571 — Requirements and Adjusting Procedures
<b>161-2 CONVERTERS AND INVERTERS</b>		
161-205-701	5	Inverted Converters — Janette Manufacturing Company — Requirements and Adjusting Procedures
161-205-801	1	Inverted Converters — Janette Manufacturing Company — Replacement Parts and Procedures
161-208-701	4	Vibrator-Type Power Inverters — KS-5590, KS-15574, KS-15597, KS-15662 and KS-15679 — Requirements and Adjusting Procedures
161-212-701	2	Inverters — KS-5717 and KS-5726 — Requirements and Adjusting Procedures
161-212-801	2	Inverters — KS-5717 and KS-5726 — Replacement Parts and Procedures
161-230-701	1	KS-15511 Inverter — Requirements and Adjusting Procedures
161-230-801	1	KS-15511 Inverter — Piece-Part Data and Replacement Procedures
161-231-301	3	DC-to-AC Inverter — KS-19329 — Operating Methods
161-232-301	1	DC-to-AC Inverter — KS-19430 — Operating Methods
Add 161-233-301	1	Inverter — KS-19738 — Operating Methods
161-233-301	1	
161-234-301	1	DC-To-AC Inverter — KS-19951 — Operating Methods
161-245-301	1	Inverter — J87266A — Operating Methods
161-245-302	2	Inverter — J87266E — Operating Methods
161-246-301	2	DC-to-AC Inverter — J87274A — Operating Methods
161-246-701	3	Inverter — J87274A — Requirements and Adjusting Procedures

**SECTION 161-000-000**

Section Number	Issue	Subject
161-247-301	1	Inverter — J87295A — Operating Methods
161-248-301	1	J87322 — Operating Methods
161-260-101	1	Regulated Tube Rectifier-Inverter, Phase Shift Control J86425A and Associated Power Control Panels J86425B and C — Description
161-260-301	3	Regulated Tube Rectifier — Inverter, Phase Shift Control J86425A and Associated Power Control Panels J86425B and C — Operating Methods
161-261-301	1	J87306A — DC-To-DC Converter — Operating Methods
161-262-301	1	DC-to-DC Converter J87308A Operating Methods
161-266-301	1	DC-to-DC Converter J87307 Operating Methods
161-267-301	1	DC-To-DC Converter — +6.6 Volts, 30 Amperes — J87340 — Operating Methods
161-272-301	1	J87332 — Operating Methods
161-279-301	1	DC-to-DC Converter — KS-19815 — Operating Methods
161-280-301	1	DC-to-DC Converter — KS-15916 — Operating Methods
161-281-301	1	DC-to-DC Converter — KS-19157 — Operating Methods
161-282-301	1	DC-to-DC Converter — KS-19158 — Operating Methods
161-283-301	2	DC-to-DC Converter — KS-19303 L1 — Operating Methods
161-283-302	1	DC-to-DC Converter — KS-19303 L3 — Operating Methods
161-284-301	2	DC-to-DC Converter — KS-19304 — Operating Methods
161-285-301	1	DC-to-DC Converter — J87248B — Operating Methods
161-285-302	1	DC-to-DC Converters — J87248C — Operating Methods
161-285-303	1	DC-to-DC Converter — J87248D — Operating Methods
161-286-301	1	DC-to-DC Converter — J87225A — Operating Methods
161-287-301	3	DC-to-DC Converter — J87271A — Operating Methods
161-288-301	1	DC-to-DC Converter — KS-19521 — Operating Methods
161-289-301	1	Converter — J87288A — Operating Methods
161-290-301	2	DC-to-DC Converter — J87293 — Operating Methods

Section Number	Issue	Subject
Add 161-291-301	1	
161-291-301	2	DC-to-DC Converter — J87294 — Operating Methods
161-292-301	3	DC-to-DC Converter — J87297A — Operating Methods
161-293-301	1	DC-to-DC Converter J87298 +6.7 Volts, 200 Amperes Operating Methods
161-295-301	1	DC-to-DC Converter — J87304A — Operating Methods
161-296-301	2	DC-to-DC Converter — J87264 — Operating Methods
161-297-301	1	DC-to-DC Converter — J87305A — Operating Methods
161-298-301	1	DC-to-DC Converter J87283, J87284, and J87285 Operating Methods

**161-3 AIR DRYERS, COMPRESSORS, COMPRESSOR-DEHYDRATORS, DEHYDRATORS AND WAVEGUIDES**

161-305-701	5	Air Dryers — KS-16432 L1 and L2 — Requirements and Adjusting Procedures
161-305-801	4	Continuous Feed Pressure Systems — KS-16432, L1 and L2 Air Dryers — Maintenance and Replacement Parts
Add 161-307-701	1	
161-307-701	3	KS-16523 L1 Air Dryer — Requirements and Adjusting Procedures
161-307-801	3	KS-16523 L1 Air Dryer — Replacement Parts and Procedures
161-308-701	1	KS-20336 L1 Air Dryer Requirements and Adjusting Procedures
161-315-201	1	Continuous Feed Pressure Systems — D Air Dryer — Description and Installation
Add 161-315-801	1	
161-315-801	1	Continuous Feed Pressure Systems — D Air Dryer — Maintenance and Replacement Parts (PEM 9319)
161-320-701	3	De Vilbiss Compressor Set — KS-7491, List 1 (AC) — Requirements and Adjusting Procedures
161-320-801	4	De Vilbiss Compressor Set — KS-7491, List 1 (AC) — Piece-Part Data and Replacement Procedures
161-330-701	3	Compressor Set — KS-14514, List 1 — Requirements and Adjusting Procedures
Add 161-330-801	1	
161-330-801	3	Compressor Set — KS-14514, List 1 — Replacement Parts and Procedures
161-350-701	3	Compressor-Dehydrator KS-14155, List 1 and Dehydrator KS-14155, List 2 — Requirements and Adjusting Procedures

Section Number	Issue	Subject	Section Number	Issue	Subject
161-350-801	2	Compressor-Dehydrator KS-14155, List 1 and Dehydrator KS-14155, List 2 — Piece-Part Data and Replacement Procedures	161-412-701	4	Portable Exhauster Sets — D-96738, D-97067, KS-8038 and KS-8430 — Requirements and Adjusting Procedures
161-352-701	2	Compressor-Dehydrator KS-16321, L1 and Dehydrator KS-16321, L2 — Requirements and Adjusting Procedures	161-412-801	1	Portable Exhauster Set — KS-8430 — (With and Without Extension Collar — KS-14458) — Piece-Part Data and Replacement Procedures
161-352-801	1	Compressor-Dehydrator KS-16321, List 1 and Dehydrator KS-16321, List 2 — Replacement Parts and Procedures	161-430-701	3	KS-14426, List 1 Exhauster — Requirements and Adjusting Procedures
161-370-301	4	KS-16001 L1, L2, and L3 Dehydrators and Associated Waveguide Alarms — Operating Methods	161-430-801	3	KS-14426 Type Exhauster — Piece-Part Data and Replacement Procedures
161-370-701	2	KS-16001 L1, L2, and L3 Dehydrators — Requirements and Adjusting Procedures	161-450-701	1	KS-15860 Fan — Multistage, Turbine Type — Requirements and Adjusting Procedures
161-370-801	4	KS-16001 L1, L2 and L3 Dehydrators — Replacement Parts and Procedures	161-452-701	3	KS-15553 Blower Motors and KS-15875 Fans and Air Filters — Requirements and Adjusting Procedures
161-371-701	2	Waveguides Associated with Delay Lens Antennas — Static and Dynamic Pressures — TD-2 Radio Relay System — Requirements and Adjusting Procedures	161-452-801	3	KS-15553 Blower Motors and KS-15875 Fans and Air Filters — Replacement Parts and Procedures
161-372-301	3	KS-16153 L1, L2, and L3 Dehydrators and Associated Waveguide Alarms — Operating Methods	161-458-701	1	KS-15800 Blowers and Associated Air Filters Used in J86273 Rectifiers — Requirements and Adjusting Procedures
161-372-701	2	KS-16153 L1, L2, and L3 Dehydrators — Requirements and Adjusting Procedures	161-470-301	1	TD-2 Electron Tube Cooling System Operation and Adjustment
161-372-801	2	KS-16153 L1, L2, and L3 Dehydrators — Replacement Parts and Procedures	161-470-701	2	KS-5794 Air Blower — Requirements and Adjusting Procedures
161-374-701	3	KS-16468 L1 — Requirements and Adjusting Procedures	161-470-801	3	KS-5794 Air Blower — Piece-Part Data and Replacement Procedures
161-374-801	3	KS-16468 L1 Dehydrator — Replacement Parts and Procedures	161-475-301	3	J86486 Tube Cooling System — Operating Methods
161-378-701	1	KS-15587 Dynamic Dry Air Supply — Requirements and Adjusting Procedures	161-475-801	2	KS-16616 Air Filter — Replacement Parts and Procedures
<b>161-4 EXHAUSTER SETS, FANS, TUBE COOLING SYSTEMS, AND VENTILATING EQUIPMENT</b>			161-476-301	1	J68416A — TH Radio Tube Cooling System — Operating Methods
161-405-301	1	Centrifugal Exhauster Sets — Operation	161-476-801	1	J68416A — TH Radio Tube Cooling System — Blower and Filter Replacement Procedures
161-405-701	3	KS-5265 Exhauster Sets — Requirements and Adjusting Procedures	161-480-701	2	Power Room Ventilation and Air Discharge Duct Equipment — Requirements and Adjusting Procedures
161-405-801	2	Centrifugal Exhauster Sets — Replacement Parts and Procedures	<b>161-7 CALL ANNOUNCER MACHINES</b>		
161-408-101	1	Sturtevant Exhauster Sets — Description	161-705-701	3	Film Type — Requirements and Adjusting Procedures
161-408-701	4	Centrifugal Fans (Formerly Exhauster Sets) — Requirements and Adjusting Procedures	161-705-801	3	Film Type — Piece-Part Data and Replacement Procedures
161-408-801	2	Sturtevant Exhauster Sets — Replacement Parts and Procedures			