

1801



THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

33 West 39th Street, New York

PERSONAL CLASSIFICATION SHEET

Read pages 2, 3 and 4 before filling out this blank

Please return this sheet with your data, even if you have filled out similar blanks for other organizations

Name in full **Schuchar dt, Rudolph Frederick** Date **November 16, 1917.**

Mail address **72 West Adams Street,**
(Number) (Street)
Chicago, **Illinois**
(City) (State)

Telegraph address _____ Telephone No. **1280** Married? **Yes** Dependents? **2**
(If widower answer no.)

Occupation or position **Electrical Engineer**

Name of employer **Commonwealth Edison Company**

Location **72 West Adams Street, Chicago, Illinois.**

Kind of business **Central Station**

Birth: Year **1875** Country **U. S.** When naturalized? _____

Citizen of what country? **United States**

Physical condition **Good**

Education { Common School **Yes**
 High School **Yes** College **Univ. of Wis.** Course **E.E.** Year graduated **1897**
(Name of College) Degree **E.E.**

Member of what engineering and technical societies? **A.I.E.E., W.S.E., I.E.S., N.E.L.A.**

What foreign languages do you speak? **French, German** Fluently? **No** Read **Haltingly**

In what countries have you resided and what years? _____

In what countries traveled extensively? _____

What military or naval training? **Cadet, University of Wisconsin**

Are you in active service or reserve? _____ Rank? _____

Member of what war committees? **Serving on Committee on Engineering and Inventions, State Council of Defense.**

Please review carefully pages 2, 3 and 4, and enter in the following spaces brief descriptions and symbols of the leading specialties in which you have had considerable experience. For example, the symbols for an inspector of underground electrical transmission systems would be "A7, B12, Fa 1b."

Specialties in which you have had greatest experience <small>(This table is for indexing purposes)</small>	Symbols of Specialties
Installation and testing of electrical apparatus of a central station system.	A7(A26), B29 F1-10 inc.
Executive work in directing Engineering Department of large central station company.	A7(A26)B4a.

Other Specialties

INDEXING SCHEDULE

(Continued)

L MATERIALS (Continued)

- 3 Non-Metals
 - a Abrasives
 - b Asbestos
 - c Belting Materials
 - d Insulating Materials
 - e Lubricating Oils
 - f Carbon Products
 - g Concrete, Reinforced
 - h Concrete
 - i Timber
- 4 Chemicals
 - a Acids, Alkalies and Salts
 - b Alcohol and Acetone
 - c Ammonia
 - d Analytical Chemistry
 - e Barium Compounds
 - f Cement, Lime (see L-3)
 - g Coke and Tar
 - h Dyes and Textiles
 - i Explosives (high)
 - j Explosives (black powder)
 - k Fats and Soaps
 - l Fertilizers
 - m Foods
 - n Glass and Ceramics
 - o Inorganic Chemicals
 - p Nitrogen (synthetic)
 - q Organic Chemicals (other than b)
 - r Paints and Varnish
 - s Petroleum and Asphalt
 - t Pharmaceuticals
 - u Pyrotechnics
 - v Rubber and Allied Substances
 - w Sugar, Starch, and Gums
 - x Toluol, Benzol
 - y Wood Products
- 5 Supplies
 - a Bolts and Nuts
 - b Brass Products
 - c Pipe and Fittings
 - d Tubes
 - e Wire
 - f

M MEASURING AND TESTING APPARATUS

- 1 Calipers and Gages
- 2 Pressure Gages
- 3 Flow Meters
- 4 Dynamometers
- ✓ 5 Electrical Instruments
- 6 Pyrometers
- 7 Recording Instruments
- 8 Testing Machines
- 9 Weighing Apparatus
- ✓ 10 Photometers
- 11

N METALLURGICAL EQUIPMENT

- (For Heat-treatment, etc., see Z)
- 1 Foundry Equipment (Specify what equipment)
 - a

N METALLURGICAL EQUIPMENT (Continued)

- 2 Iron and Steel Works Equipment
 - a Blowing Engines
 - b Coke oven (including by-product) Equipment
 - c Rolling Mill Equipment
 - d
- 3 Forging Equipment
 - a Forging Presses
 - b
- 4 Electric Furnace

O MUNICIPAL AND COMMUNITY

- 1 Pavements and Roads
- 2 Sewerage and Water Supply
- 3 Irrigation

P MUNITIONS

- 1 Artillery
- 2 Machine Guns
- 3 Rifles
- 4 Side Arms
- 5 Explosives
- 6 Shells
- 7 Fuses
- 8 Cartridges
- 9 Aircraft Bombs
- 10 Torpedoes
- 11 Mines
- 12 Grenades
- 13

Q GAS MANUFACTURE AND SUPPLY

- 1 Coal Gas Plant
- 2 Water Gas Plant
- 3 Pintsch Gas Plant
- 4 Distribution System
- 5 Lamps (see Ha)
- 6

Qa OIL AND NATURAL GAS SUPPLY

- 1
- 2 Natural Gas Wells Equipment
- 3 Natural Gas Distribution
- 4 Oil Well Equipment
- 5 Oil Distribution
- 6 Oil Refining
- 7 Lamps (see Ha)
- 8

R POWER GENERATION

- 1 Steam Power and Plant Equipment
 - (For Furnaces see G)
 - a Boilers
 - b Superheaters
 - c Economizers
 - d Feedwater Heaters
 - e Engines

R POWER GENERATION (Continued)

- f Turbines
- g Condensers
- h Piping, Valves and Fittings
- j Steam Specialties
- k
- 2 Gas Power and Plant Equipment
 - a Gas Producers
 - b Blast Furnace and Coke-oven Gas Equipment
 - c Gas Engines
 - d Oil Engines
 - e Gasoline Engines
 - f High-speed Gasoline Engines
 - g
- 3 Hydraulic Power and Plant Equipment
 - a Turbines
 - b
- 4 Electric Light and Power
 - ✓ a Central Stations
 - b Isolated Plants
 - c
 - ✓ d Substations

S POWER TRANSMISSION

- 1 Electric
 - a Motor Drive
 - b Motor Control
 - c
- 2 Belt Transmission
 - a Shafting
 - b Pulleys
 - c
- 3 Rope Transmission
- 4 Chain Transmission
- 5 Gearing
 - a Reduction Gearing
 - b

T SHIPS

- 1 Merchant Ships and Transports (Specify wood or steel)
- 2 Warships
- 3 Patrol Boats
- 4 Small Boats, Yachts
- 5 Submarines
- 6 Trawlers and Mine Sweepers
- 7

U STRUCTURES AND BUILDINGS

- 1 Foundations
- 2 Factories
- 3 Tanks
- 4 Power Houses
- 5 Docks, Dikes, Levees
- 6 Bridges
- 7 Dams
- 8

U TRANSPORTATION

- 1 Animal
- 2 Automobiles (Specify whether gasoline, electric or steam)
 - a Pleasure Cars
 - b Road Tractors
 - c Trucks
 - d Motor Cycles
 - e Motors
 - f Accessories and Parts
 - g
- 3 Railway, Electric
 - a Maintenance of Way
 - b Valuation
 - c Trolley Cars
 - d Gasoline-electric Cars
 - e Car Barns and Sheds
 - f Electrolysis Prevention
 - g
- 4 Railroad, (Steam or Electric) (Specify whether steam or electric)
 - a Maintenance of Way
 - b Cars
 - c Locomotives
 - d Brakes
 - e Locomotive Terminals and Equipment
 - f Signals
 - g
- 5 Railway, Industrial
- 6 Marine
 - a Boilers
 - b Oil-burning Equipment
 - c Steam Engines
 - d Oil and Gasoline Engines
 - e Turbines
 - f Electric Drive
 - g Propellers
 - h Steering Gear
 - j
- 7 Canal
 - a Electric
 - b

W

X

Y

Z MANUFACTURING AND SPECIAL PROCESSES

- 1 Machine Shop Processes
- 2 Cement Manufacture
- 3 Paper Manufacture
- 4 Textile Manufacture
- 5 Electrochemical
- 6 Electrometallurgical
- 7 Special Processes (Please add any processes with which you have had experience.)
 - a Dynamic Balancing
 - b Die Casting
 - c Heat Treatment
 - d Metal Coating
 - e Wood Preservation
 - f Lamp Manufacture
 - g