Ensign H #41,173

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RHTG #41,173
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Summary of S-50 Progress Report for May 1945

| | |
|---|---|
| Project No. 11 | Vessel to test nickel welds for corrosion under stress, designed by Cpl. Woodland |
| Project No. 14 | Heated gauges. Fabrication of thermostats for gauges for closer temperature control. |
| Project No. 16 | a. Needle valve designed by Cpl. Woodland.<br>b. New type inter-column connector, using 1/8" nickel line. inside 3/8" iron pipe. Has 5 advantages.<br>c. Flared tube fittings.<br>d. Adapter for ¼" flared tubing to 3/16" tubing.<br>e. Design of appropriate sedimentation bulb.<br>f. New type freeze off system.<br>g. Design of an individual column milking device. |
| Project No. 21 | Pressure Burette<br>$N_2$ Flowmeter |
| Project No. 32 | Home-made Orsat Apparatus. |
| Project No. 33 | (Appendix "A") Analysis of Gaseous Mixtures of HF, $F_2$, $N_2$ (Rosen, Sabbard) K-25 WLH |
| Project No. 34 | Increase in rate of transfer by changing temperature of conduit from 110° to 85°. |

WEW
10 July, 1945

DECLASSIFICATION AUTHORIZED
MALCOLM THEISEN, EASI
Name (ADD) - Organization
9-15-95
Date

DECLASSIFICATION RECOMMENDED
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