

# METALLURGICAL ABSTRACTS

(GENERAL AND NON-FERROUS)

VOLUME 4

(*New Series*)

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**EDITED BY**

**G. SHAW SCOTT, M.Sc.**

**SECRETARY**

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## SYMBOLS AND ABBREVIATIONS USED IN TEXT.

A.	Ångström units.	km. <sup>2</sup>	square kilometre.
abs.	absolute.	kv.	kilovolt(s).
a.c.	alternating current(s).	kva.	kilovolt-ampère(s).
amp.	ampère(s).	kw.	kilowatt(s).
amp.-hr.	ampère-hour(s).	kw.-hr.	kilowatt-hour(s).
A.W.G.	American wire-gauge.	lb.	pound(s).
Bé.	Baumé.	L.-F.	low-frequency.
B. & S.	Brown & Sharpe (gauge).	m.	metre(s).
B.H.P.	brake horse-power.	m. <sup>2</sup>	square metre(s).
B.O.T.	Board of Trade.	m. <sup>3</sup>	cubic metre(s).
B.th.u.	British thermal units.	m.amp.	milliampère(s).
B.T.U.	Board of Trade unit.	max.	maximum.
B.W.G.	Birmingham wire-gauge.	mg.	milligramme(s).
C.	centigrade.	mm.	millimetre(s).
cal.	calorie(s).	mm. <sup>2</sup>	square millimetre(s).
c.c.	cubic centimetre(s).	mm. <sup>3</sup>	cubic millimetre(s).
cg.	centigramme(s).	m.m.f.	magnetomotive force(s).
c.g.s.	centimetre-gramme-second.	$m\mu$	millimicron.
cm.	centimetre(s).	m.v.	millivolt(s).
cm. <sup>2</sup>	square centimetre(s).	N.	normal.
cm. <sup>3</sup>	cubic centimetre(s).	N.T.P.	normal temperature and pressure.
coeff.	coefficient(s).	oz.	ounce(s).
const.	constant(s).	P.C.E.	pyrometric cone equivalent.
e.p.	candle-power.	p.d.	potential difference.
C.T.U.	centigrade thermal units.	p.p.m.	parts per million.
cwt.	hundredweight(s).	R.	Réaumur.
d	density.	r.p.m.	revolutions per minute.
d.c.	direct current(s).	sp. gr.	specific gravity.
dg.	decigramme(s).	sq.	square.
diam.	diameter(s).	v.	volt(s).
dm.	decimetre(s).	va.	volt-ampère(s).
dm. <sup>2</sup>	square decimetre(s).	w.	watt(s).
dm. <sup>3</sup>	cubic decimetre(s).	w.-hr.	watt-hour(s).
e.m.f.	electromotive force(s).	w.p.c.	watts per candle.
F.	Fahrenheit.	%	degree(s) (arc or temperature).
ft.	foot; feet.	$\lambda$	per cent.
ft. <sup>2</sup>	square foot.	$\mu$	wave-length.
ft. <sup>3</sup>	cubic foot.	$\mu\mu$	micron.
ft.-lb.	foot-pound(s).	$\Omega$	1 millionth micron = 0.01 Å.
gall.	gallon(s).	,	ohm.
grm.	gramme(s).	"	minute of the arc.
H.-F.	high-frequency.	<	second of the arc.
H-ion.	hydrogen ion.	>	A < B denotes that A is less than B.
H.P.	horse-power.	$\neq$	A > B denotes that A is greater than B.
H.P.-hr.	horse-power hour(s).	$\leq$	negative of <; A $\neq$ B denotes that A is not less than B.
hr.	hour.	$\geq$	combination of < and =;
hrs.	hours.		A $\leq$ B denotes that A is equal to or less than B.
in.	inch; inches.		is not equal to.
in. <sup>2</sup>	square inch.		identically equal to.
in. <sup>3</sup>	cubic inch.		approximately (or essentially) equal to.
in.-lb.	inch-pound(s).		
I.S.W.G.	Imperial standard wire-gauge.		
K.	absolute temperature (scale).		
K.C.U.	kilogramme-degree-centigrade heat unit (= 3.97 B.th.u.).		
kg.	kilogramme(s).		
kg.m.	kilogramme-metre(s).		
km.	kilometre(s).		

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