YOUVA				Page No.: Page No.: YOUVA	
	1:	* Applicable in the second second to the second sec			
	15/11_	DRY CORROSION	WET	CORDSSION	
trochenial trochenial the cheryy pudations		Involves direct attack of atmospheric gases Does not need a corressive	of seperate ashodic current fl medium	e to the existence anodic and area blw which own through the morive medium.	
corrosion.	<u> </u>	medium	- Needs Cost	norme measum.	
	3.0	Types include oscidation covorion, liquid metal	rypes incl	ude galvanic, storen and	
И2	5000	gans:	intergra	nular.	
h ₂ .		Les pouvailing	· Moru cox	mmon:	
oude. (our).	. [5	GALVANIC SERIES .	ale minates	rachve:	
neads	and a	Need jon galvanic series: The electrochemical series		My (more amodic) Mg allows.	
oust)	2001	not take parrivity into as account you the corrosion of alloys.	behaviour	(d mild steel	
2	n latin	I to down . The most on to	pecuaing active	Stainlen steel	
ust).		The series prepared by state the correspond of metals as in a given environment was water.	nd alloys	Ni Ag	
	t. iv	La kara chant i latara e c	117 117 1177 1 10	Au Pt (parrive: more)	

e Aux		M T W T F S S Page No.: Date: YOUVA	avu0".	
1	t			
	* More detailed series in han	nd took *		Similar
540	se-nach raw	MORESTAND YAS		
	CHARACTERISTICS. OF GALVAN	16 SERIES.	080	1 190 11
der	with the Bower day on the	halm ductor	- 113	TYPES
10	Galvanic Series include b	noth metals and allays		
i Anti	Metals and alloys are are	ranged in the involvening	•	Galvanic
Acres	order of their cornorion verix	Tance in Mawater.		Pitting
	Metals and alloys are a		61.1	Inter-g.
lier	see having almost same	e corression characterism		Stress
	are grouped within a		contail as	le issocias
4000	Same metal can occupy t			GALVAN
>	galvanio series: Eg Al occi	wer in two no lactive	beaut	a days
	and roble) positions in			Occurs
	state.	- 21000		contact
	Little Manual Contractions	waltermen with .		Anode: (
	COMPARISON .	5		Metal
			•	Cathode:
	ELECTROCHEMICAL SERIES	GARVANIL SERIES.		Metal
			•	Escample
- W	EPs are measured by diffing	· Series developed by studying		· Co
-7.50	pure metals in their salt solo	Corrosion of metals ballage		- Sf
	of IM conc without and outle	in unpolluted rea water,		· Pb
	films winners min siene.	without oxide films.		. A
Dute	Cal miss	o certific.		. St
	Position of a given metal is fixed	· The position of a metal my		
other o	in ite to be quingled, got her	shift as it takes active		Zinc
-	The state of the s	and parrive states.		e
•	Gives no info regarding position	· Alloys are included		
	of alloys.	based on thur corrosion		1
	17	behaviour		
•	Metals and non-metals included	· Metals and allays		
	1A	impluded-		205040
				1

	Similarity: In both base metals are placed higher-
	& noble metals lower in the series.
132	and one Devies,
	TYPES OF COROSSI CORROSION
	algebraich and the steple-
•	Galvanic Congranion
	Pitting corrosion.
6/10	Inter-granular corrignion.
•	Stren corronion
t make	" Le cort at many of arretus, due la manda
	GALVANIC CORROSION
honsil	· Paper bears of cut-constraints marker and a
•	Occurs when two dissimilar metals are in
	contact with an elictrolyte.
	Anode: (gets corroded)
	Metal with lower standard electricale potential.
· ·	Cathode
	Metal with higher standard electrode potential.
•	Examples:
	· Co piping connected to seel tanks
	- Stell sorews in a brian marine hardware
	- Pb; Sb solder around Cu wire
	· A steel propeller shaft ma bronze bearing
	· Steel pipe connected to Cu plumbing.
	Zinc anocle Eu cathode.
	ē/ (e) e
	Poraus
	dink with the state of the stat
	Zns Zns Cv (s)
	Znsay (2t) (vay) Cusoy(aq)

					and the state of t	
	C CRIMIN		Page No.:	S S	-1-1	
			Date:	YOUVA	A10307	
72						
alin's	PITTING CORROSIO	intell bone Me	S. mulasolar			
\	com no the owice		7			
	I pit maybe		cowity no	fol-		
	length as on len than the depth					
		est Western	SOUNDAGE (C			
	Important rea	sons are:	See Did i			
		ughness on non				
	· Scratches of	or cut edges.				
	· Local Mera	ining of metal,	due to none	nidwan		
	stries	LARRASION .	Jugaviau	3		
		o) erdraneous m				
	Scale, water	en drop, dust et	Cours and	,		
		is so cudrely				
		(babanes)	Speech Corp			
Dale	and I dead a coton	at level stood	a serie			
			la Handen			
Davis	restor stranders to be of	ab higher atom	Metrical			
			: anymoso?	,		
	stratulation of	may consider of	rid of			
1541	in marina harmon	Marine Deliver	1.82			
	- wines	1 458M1 1 11 31 15	3-1:			
Paris	The space is the state of the	as perpetual new	An in			
	Similarity of	. Laboration again	9,43 .			
	- 11.0 ÅI	es est	NO 30.			
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7		200	-			
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