

pBf]usf]j ul\$/of

%- pBf]usf]j ul\$/of

Pg]sf] bkrf # cg; f/ pBf]unf0{ pBf]usf] k\$[tsf] cfwf/df b]fo adf]hd pTkfbgdhs, phf]hs, s]if tyf aghGo, vlgh, koGg, ;]f / lgdf] pBf]usf] ?kdf j ul\$/of ul/Psf]5 .

%! pTkfbgdhs pBf]

sf]f dfn jf cw{kz]fw]t dfn jf v] u0{x\$]f] dfn; fdg]sf] jf cGo dfn ; fdg k]f]v] jf kz]fw]g u/L dfn; fdg pTkfbg ug].

hDaf]/f]haf6 sl6E, l:nl6E, sGkn]6L6E, k/kmf]7]6E, :olhE tyf SoflkE u/L tof/L knf]f]v]flkms lkn]d /f]h tof/ ug] / kofs ug] hDaf]/f]h cfoft u/L sl6E l:nl6E cflb k\$]f k/f u/L l; g]f]f]v]flkms lkn]d, d]Bsn tyf cfBf]us PS; /] lkn]d, u]flkms cf6{lkn]d, knf]f]v]flkms k] / pTkfbg ug] tyf kofg s\$ agfpg]pBf] .

- ldt)%\$. \$ sf]/fhkq af/f yk_

%@ phf]hs pBf]

hn>f]t, jfo'; ; f]z]lQm sf]nf, k]s[ts t]h, llofF, jfof]llofF tyf cGo >f]x?af6 phf]{k]f ug].

%# s]if tyf aghGo pBf]

dhtM s]if jf jg k]f]j/df cfwf]/t Psls] lsl; dsf /]zd v]l tyf /]zd pTkfbg, kmk]th v]l tyf kmk]th kz]fw]g, kzk]ng, 8]l pBf], sv/f k]ng, d]t:ok]ng, lrof v]l tyf kz]fw]g, slkm v]l tyf kz]fw]g, h8la6l v]l tyf kz]fw]g, t/sf/Lsf alpm]lhg pTkfbg, Rofp, t/sf/L v]l jf t/sf/L kz]fw]g, gof]f klj]lwaf/f lj?jf pTkfbg ug] pBf] -l6:o\$Nr/_ , lug xfp; , df]l k]ng, dx pTkfbg, /a/ v]l, k]th v]l tyf pTkfbg, salnotl ag, Puf]km/]6k cflb Joj ; flos ag ; DaGwl Joj ; fox; . -cf] Joj= P] @)\$(

askf; v]l, skf; / skf; sf]lj p pTkfbg tyf kz]fw]g ug]

-ldt)%\$. \$ sf]/fhkq af/f yk_

s_ Joj ; flos ?kdf ul/g]kmk]th tyf gub]jfnlsf]v]l

v_ Jofj ; flos ?kdf ul/g] a]jf+ tyf lgufnf\$] v]l / ; f]af6 h:tf]x?sf] pTkfbg ug]sfo{

u_ r]Nnf sf6g]Joj ; fo

3_ jg:klt pBfg :yfk]f, ; Af]of tyf Joj :yfk]g

-ldt)%(.^ sf]/fhkq af/f yk_

%-\$ vlgh pBfũ

vglh pŕvvgg j f kŕfũwg ugŕ. -cfŕ Joŕ= Pŕ @) \$(

%-% koŕg pBfũ

koŕg cfjŕ; , dfŕh, xfŕh /ŕ6/fF l/hfŕ{ 6ken Phŕ; L, :sl0E, Unf0l8E, j f6/
¥ofl^6^a, s]nsf/ sDkn\$; , kfŕl 6ŕs^a, kboŕqf -6ŕs^a, x6 Po/ Jofnlg^a, Kof/f
; ŕh^a, uŕlkm sf] { kfŕh] cZj f/fxŕof -x; {/f0l8^a_ cflb Joj ; fox? .

dgfŕ-hg kfs{lgdfŕf tyf ; ŕfng ugŕJoj ; fo . -ldlt @)%^(.@^ sf]/fhkq
áf/f yk_

uŕldŕof koŕg

-ldlt)%*.%.@! sf]/fhkq áf/f yk_

cŕo ; fxl; s 6l/Hd Joj ; fo -ldlt @)%^(.@^ sf]/fhkq áf/f yk_

%=-^ ;jŕ pBfũ

sfoŕfnf -j sŕk_, 5fkfvfgf, k/fdz{ ; jŕ, lhlg^a tyf j ŕhE Joj ; fo, rnlrq
Joj ; fo, lgdfŕf Joj ; fo, ; fj ŕlgs kl/j xg Joj ; fo, kmŕŕfũŕkml, c:ktn, gl; ŕ
xfŕ, lzlfŕf Pj +klzlfŕf ; ŕyf, kŕfũzfnf, xj f0{ ; jŕ, zlt e08f/ cflb
Joj ; fox? .

; fj ŕlgs kl/j xg cŕt/ut 9j fgl Joj ; fo ; dŕ kgŕePsfŕh]btf{ugŕ-

-ldlt)%*.@.#! sf]lj efulo lgbŕg_

kŕfũwg j f kŕŕf gu0o ?kdf xg]s6 6' nŕy l; 6, kmŕŕf]lkmld l:nl6E, kmŕŕf]kŕ/
l:nl6E, l6:o"kk/ l:nl6E, an lj ol/E P; ŕJnl tyf jNs ?kdf tof/L ; fdg cfoft
ul/ l/KoflsE ugŕh:tf ; jŕ Joj ; fox? .

-cfŕkŕfŕ{() cfŕaŕs áf/f yk+

!= cfjŕ; ejg lgdfŕf u/l lj qml lj t/of ugŕJoj ; fo,

@= 6ŕhkmŕg ; jŕ -; ŕh/ 6ŕhkmŕg, df]f0n 6ŕhkmŕg, kŕh^a 6ŕhkmŕg ; jŕ_ /
6ŕhlehg k| f/of ; jŕ -:of6nf06 6ŕhlehg k| f/of j f sŕh 6ŕhlehg k| f/of_

#= sk8f tyf ofg{8f0E, ofg{ ; f0lh^a / sk8fdf lkŕ6E ugŕJoj ; fo -sk8f aŕg]
pBfũn]cf^g}kŕhngsf]nflu u/\$ŕŕf afx\$_.
-ldlt)%*.@! sf]/fhkq áf/f yk_

æSDkoŕ/ ; ^6j ŕ/E .

-ldlt)%#.!!) sf]/fhkq áf/f yk_

!= lj Bt tyf Jof6kaf6 ; ŕfng xg] tlg kŕu] / rf/ kŕu] ; fj ŕlgs kl/j xg
; ŕfng ugŕpBfũ,

@= pk/fQm ; fj hlgS kl/j xgsf]nflu cfj Zos kgI Jof6k rflh[sf] ; Jf kþfg ugI pBfU, -

-ldlt)%#.#.#! sf]/fhkq áf/f yk_

!= a\$ tyf ljIQo ; :yf, pBfU, xfbh, sfoffo ejg, sðg]ts lgofU tyf cfjf; lo ejg cflbdf ; /lff ; Jf k%ofpg]p2]o /x\$]JoJ ; fo,

@= lj 1fkg ; fdfull pTkfbg u/L lj 1fkg PhU; Lsf]?kdf sfd ugIJoJ ; fo,

#= k\$fgz JoJ ; fo,

\$= Pn= lk= UofF l/lkmlnE ugIJoJ ; fo,

%= l8lh6n k\$pf4f/f gS; f agfpg]JoJ ; fo,

^= 6]nlehgd f kzf/of xg] 6]n8kdf, 6]nlnkmlnD lj 1fkg, :jf:Yo lzIff ; DaGwl sfoGmd tyf c? 8sdU6/L lknmlnD lgdfQf tyf kzf/of ugI

&= df/sf/ tyf 6]kf] cflb ; jf/L ; fwgdf Pn= lk= UofF l/lkmlnE l8kf]:yfkfg ugIJoJ ; fo,

*= /l8of]kzf/of :6zg v8f u/L /l8of]kzf/of ugIJoJ ; fo

-ldlt @)%%.\$. \$ sf]/fhkq áf/f yk_

sfufIJoJ ; fo

-ldlt @)%^!.!.!^ sf]/fhkq áf/f yk_

-!_ lgdfQf ; Dj Gwl xþL O[Sj kdU6 ef8f dd[tyf ; #fng ; Jf

-@_ JoJ ; flos ?kdf ul/g]kz' lrlst; f ; Jf

-#_ dfgj ; jf:Yof]krf/ ; Dj Gwl 8fO]gfl]:6s ; le{ h

-\$_ ; ef ; Dd]hg ejg ; #fng, 9n tyf kmx/ d]f ; \$ng / lj sf; vfg]kfgl cflkt{ OGwg tyf OGwghGo Uof; cflkt{sf]kf0knf0g ; #fng, uf]fd 3/ tyf e08f/g ; #fng, lj dfg:yn ; #fng, :kf{ sDkn\$; ; #fng, /f]kj] ; Jf -/Hhdfu{ ; #fng, ; 8s ; #fng, l; #f0{ ; #fng, phf{k} f/g uX ; #fng, /lj] ; #fng / pNn]vt JoJ ; fo ; #fng ubf{ul/g]kgI; Def/ uX

-ldlt @)%(@.^ sf]/fhkq áf/f yk_

-!_ hnkl/j xg (Shipping)_ JoJ ; fo

-@_ Kofs]hE÷l/lkmlnE ; Jf, sl/o/ 6]nknfU l; :i6d ; Jf, 8k0{ lSng; { Sopf6l/.E ; Jf, lel8of]cl8of]/\$l8E ,le:of6 OG6/gþ ; le{ , Jol6 kfn{, ef8fdf vfBfGg sðfgl, lk; fgl / k]hfgl ugI sfo{ OG6]o/ 8\$]7zg, l; l8/fU /\$l8E,

-ldlt @)%*%.@! sf]/fhkq áf/f yk_

OgNof08 ISno/lj; l8kf](Inland Clearance Dep[ot) Joj :yfkq / ; #fnfg
-@)%*.!)!.! sf]/fhkqáf/f yk_

%=& lgdf@f pBf@

; 8s, kh, /fkj] /lj] 6kna; , 6gh, ^nf0^a allh tyf cfBflus, Jofkfl/s Pj +
cfj f; sDkn\$; cflb lgdf@f u/L ; ~rfng ug]

clk m; Pj +cfj f; sDkn\$; cflb lgdf@f u/L ; #fnfg ug].

-ldlt)%#.!.!) sf]gkfn /fhkj qáf/f yk_

lgDg Joj ; fo lgdf@f pBf@df j lu\$/of ul/Psf]5 .

!= ; ef ; Ddihg s]b\$]k] f@f/ lgdf@f, Joj :yfkq tyf ; #fnfg .

@= 9n tyf lgsf; sf]k] f@f/ lgdf@f Joj :yfkq tyf ; #fnfg .

#= vfgkfgl kf0k nf0g cfl't{ug]k] f@f/sf]lgdf@f, Joj :yf tyf ; #fnfg

\$= 0@wg tyf l@f+ cfl't\$]kf0k nf0g h8fgsf]k] f@f/sf]lgdf@f Joj :yf
tyf ; #fnfg .

%= l; #f0\$]k] f@f/ lgdf@f Joj :yf / ; #fnfg .

^= phf{3/ tyf phf{kzf/of nf0gsf]k] f@f/ lgdf@f Joj :yf / ; #fnfg .

-ldlt @)%(@.^ sf]/fhkq áf/f yk_

pBf]usf]:t/ lj efhg

^= pBf]usf]:t/

cfBf]us Joj ; fo P]gn]pBf]unf0{3/h' pBf]u, ; fgf pBf]u, dem]nf pBf]u / 7hf pBf]usf] ?kdf :yfkf ug{kfp]g]u/l b]xfo adf]hd pBf]usf]:t/ lgwf{0f u/{f]5 .

^= 3/h' pBf]u

P]gsf]bkrf \$; u ; DalGwt P]gsf]cg'; 'L ! cg'; f/ b]xfo adf]hd]sf pBf]ux?nf0{ 3/h' pBf]u elg kl/eflft ul/Psf]5 .

æ>ddhs, b]zsf]k/Dk/f, snf / ; s[t; u ; Da4 vf; zlk jf :yfglo sRrf kb]fy{ / ; fwg kl/rfng ug{k/Dk/fut lsl; dsf r/f, lj 8l, l; uf/, vfg]; 't{x v]l / ; 't{ dVo sRrf kb]fy{xg]o:t}k]sf/sf c]o j:t' p]tkfbg ug]pBf]u, dlb/f jf lj o/ p]tkfbg ug]pBf]u afx] xft]tfg, v]j]tfg, cw{:j r]lnt tfg, jflk' /E]f0 / 5kf0{ l; nf0{-tof/l kf]zfs afx]_, agf0{/f8l, kfvl, pm]l un]f, klZdgf, pm]l kf]zfs, l; sdl{sfo{s]7sf sn]f]ds j:t' p]tkfbg, afF a] / lgufnf]; DaGwl sfd, k]s[t]s /zaf6 j:t' p]tkfbg, xft]sfuh / To; af6 ag]f]j:t'; g, rf]l, lkQn, tdf, lsd]tl tyf cw{l]sd]tl k]y/ nufotsf lkml]u/l ; fdfg, uxgf, d]t{x efBf c]fb agfpg] sfo{ dx, Ro'/L, cn]l k]z]wg, df6f] lrlgofFdf6f]af6 efBf agfpg] sfo{ 5nf sf6] ; s]pg] u]dl0f 6]flg^a / 5nf]sf j:t' p]tkfbg ug] sfo{ ; gkf6, af]jof] rf]f, ; 't' wfuf]c]l]bsf ; fdfg p]tkfbg, xf8 l; ^asf sn]f]ds ; fdfg p]tkfbg, 9E]df s]l agf0Psf ; fdfg, l]qsnf, k]f]f, af]6s, wk, k]tnl, v]hf]f pBf]ux? / b0{ nf]v ?k]f]F]d l:y/ h]y] ePsf s]l/ pBf]u E

b]6Ao M

-!_ lj z]f ?kdf p]N]y u/{f]df afx] d]lysf pBf]ux?df ; -r]lnt d]zgn]sh kfF l]snf] f6e]bf a9l lj B't\df/ jf l8hn jf k]k] jf qn]Bcfon 0l]hg z]Qm k]f]u u/{f]xg'x]g . o; kl/k]fdf kfj/n]d 3/h' pBf]u c]tu]t kb]g .

-@_ d]zgf6 pm]l wfuf]sf]g]tyf d]zgf6 pm]l un]f p]tkfbg ug]pBf]ux?sf] :yfkf]y{cgd]t lng'kg] .

t/ cfBf]us kj4g jf]s]f]ldlt)%&.@.^ df j; s]f]!%\$ cf]j]j]ss]f]lg0f6 g= @ df æd]zgj]f6 p]l wfuf] p]tkfbg ug]pBf]u :yfkf ug{0hfht kb]fg ug]D]j]lGw k]t]j]df 5nk]m x]f o:tf pBf]ux?j]f6 g]k]ns]f]un]f pBf]ux?df kg{ ; Sg]gsf/]f]ds k]f]j ; d]nf0{b]l]6ut u/l gof+0hfht kb]fg gug]gl]t lng] lg0f6 ePsf]5 .

#_ r'/f\$, lj 8L, l; uf/, vfg]; 'tl{ v\$gl / ; 'tl{dVo sRrf kbfy{xb]o:t}k\$/sf
cGo j:t' pTkfbg ug]pBf]u, dlb/f jf lj o/ pTkfbg ug]pBf]usf]l:y/ h]yf b0{
nfv ?k\$of dfq eP klg sl6/ pBf]u c\$tu\$ kg]5\$g\

b]6JoM

3/h' pBf]udf j lu\$[pBf]un]% ls=jf= eGb a9L lj B't zIQm k\$fu u/df
k\$lsf]cfwf/df ; fgf÷dem]nf÷7hf pBf]usf]j udf btf{ug{; lsg].

^=@ ; fgf pBf]u

P\$sf]bkrf % cg'; f/ tlg s/f\$?k\$ofDd l:y/ h]yf ePsf]pBf]u .

^=# dem]nf pBf]u

P\$sf]bkrf ^ cg'; f/ tlg s/f\$?k\$ofEgb a9L bz s/f\$?k\$of; Dd l:y/ h]yf ePsf]
pBf]u .

^=\$ 7hf pBf]u

P\$sf]bkrf & cg'; f/ bz s/f\$?k\$ofEgb a9Lsf]l:y/ h]yf ePsf]pBf]u .

&= pBf]usf]l:y/ h]yf

P\$sf]bkrf * n]pBf]usf]l:y/ h]yfdf b]fosf rn jf crn ; DklQx? ; dfj z ug{kfpg]
u/l t\$]f]5 .

!_ hdlg / hdlg ; wf/ -h:t}hdlg ; Dofpg] kg] kvfh nufpg]h:tf sfo{?_

@_ :ynlo e]ts k]f{f/x? -h:t}9n lgsf; , cftl/s ; 8s_

#_ sfofho, sf/vfgf ejg, uf]fd 3/, lj B't lj t/of, kfgl lj t/of Joj :yf tyf cfjf;
ejgx?,

\$_ oGq pks/of tyf cf]hf/x?,

%_ kl/j xgsf ; fwgx?,

^_ lj B't pks/of tyf sfofho pks/ofx?,

&_ kmgf/ lkn\$:r/ ; #f/ Joj :yf tyf pks/ofx? .

pkoQh ; DklQx?sf c]tl/Qm pBf]udf nufgl xgeGb c]3 jf lgdff r/ofsf] lj leGg
cj:yfdf xb]jf ePsf]k\$ls[ul/g]k]j lws k/fdz{/ ; kl/j]f0f vr{ k] {nufgl / k] {
; #fng vr{tyf lgdff cj]lwsf]k\$ls[xb]Jofh ; d]nf0{pBf]usf]l:y/ h]yfsf]?kdf
dfGotf kfpg]ul/ t]sPsf]5 .

cgdlit lngkgI pBfU / cgdlit sf]k\$of

*= cgdlit -0hfht_ lng kgI pBfU / k\$of

Pg]sf] bknf (sf]pkbknf -@_ adf]hd ; /lff, hg:jf:Yo tyf jftfj /ofdf pMn}glo kl]tsh c; / kfg]lsl; dsf]lgDg pBfU :yfkf ug{rfxg]h}cgdlit sf]nflu ljefu ; dl] b/vf:t lbg'kgf . o; /l b/vf:t k/df ljefun]af\$]sf]lg0f0fg; f/ b/vf:t k/\$]ldlt n] tl; lbg leq cgdlit lbg'kgf . af\$]h}pBfU sf]:yfkf ug{cgdlit glbg]lg0f0 u/df ljefun]; f]s/fsf]hfgsf/l b/vf:tj fnfnf0{lbg'kgf .

Pg]sf] bknf \$ sf]cg; 'l ! sf]b]6Ao @ / Pg]sf] bknf (sf]cg; 'l @ adf]hd lgDg ln]vt sg}klg pBfU sf]:yfkf, lj :tf/ Pj +lj]lws/of ug\$]sf]nflu cgdlit lng'kgI Joj :yf ul/Psf]5 .

!= dl]zgaf6 pgl wfuf]sf]g]tyf dl]zgaf6 p]gl un}f p]kfbg ugI pBfU . t/ cf]k+ jf\$]sf]ldlt)&.@.^ df j; \$]f]!%\$ cf]j}ssf]lg-g+@ cg; f/ dl]zgaf6 pgl wfuf]p]kfbg ugI pBfU sf]gof+0hfht glbg]lg0f0 ePsf]5 .

@= xftxltof/, uf]hlu}f, af?b nufotsf lj ikmf}S kb]y{p]kfbg ugI ; /lff]ds 5kf0{- ; \$ol/6l lk(6LE_, db] tyf l; Ssf pBfU .

#= r/f6, lj 8l, l; uf/, vfg]; 'l{ v6l / ; 'l{dVo sRrf kb]y{xb}o:t}k\$]f/sf j:t'p]kfbg ugI pBfU, dlb/f jf lj o/ p]kfbg ugI pBfU .

cgdlit lngkgI pBfU x?sf] cgdlit kb]fg ugI clwsf/ Pg]sf] bknf !@ adf]hd ul7t af\$]h}f0{5 eg]af\$]h}ljefu tyf ; DalGwt sf]of]ox? ; d]n]t]f]sPsf pBfU x?sf] cgdlit kb]fg ug{kfpg]ul/ clwsf/ k]of]of]hg u/\$]f]5 .

t/ cgdlit lng gkgI lgDg ln]vt pBfU bt]f{ugI ; Dj Gwdf lgDg cg; f/ ugI Joj :yf ePsf]5 .

-s_ Zinc Dross, Ash, Skimmings, Zinc Scrap Lead Ash Skimming, Lead Scrap, Acid Battery t]f] dh]sf]6 cfoft u/l Lead ingots, zinc ingots jgf0{ ef/t tyf c6o dh]sd] lgsf; l ugI pBfU :yfkf ; Dj Gwdf o; lsl; dsf] pBfU jf6 jftfj /of Hofb}kl]tsh c; / kgI xbf xfnnf0{o:tf k\$]f/sf pBfU x? :yfkf sf ; Dj Gwdf pBfU sf]cgdlit glbg]glit lng].

-cf]k+jf\$]f]!.\$@ cf]j}S ldlt @)%\$.!@% sf]lg0f0_ .

-v_ PVC, HDPE, LDPE /h]g sRrf kb]y{\$]f] ?kdf cfoft u/l knfli6s sDkfp08 tyf uf]gbl; p]kfbg u/l ef/t lgsf; l ugI pBfU bt]f{ ; Dj Gwdf cf]k+jf\$]f] !#\$ cf]j}S jf6 @%UdNo clej [4 xb] pBfU nfn0{bt]f{ugI lg0f0 ePsf]df ; f] sf] ; 6[dNo clej [4 @)U egf j 9l xg'kgI/ sh p]kfbgsf]Gog]td !)U t]f]dh]s jf kl/jTo{ lj b}zl db]df lgsf; l ug{kgI zt{/fvl bt]f{ug{!j s[t lbg].

-cf)k+ afB\$[!\$@ cf]j }s ldlit @)%\$.!@.% sf]lg0f6_

dNo clej [4 lgDg cg; f/ u0fgf ul/g5 .

Value addition=Sales Revenue-Raw matterial cost-utiities-depreciations x 100
Sales Revenue

- pTkfbgsf]Goçtd @)Ü kl/jTo{lj bzl db|df lgsf;L ug{kgI/ ; f]kl|tzt qmdzM j 9fpb}n|hg' kgI.
- o:tf pBf]unf0{cfj Zos kgI(kofs|h8) / c6o j :t' qmd} u g|kfnf pTkfbg ug{kgI jf g|kfnl j :t' kpf]u ug{kgI.

- -cf)k+ afB\$[!\$@ cf]a} }s ldlit @)%\$.!@.% sf]lg0f6_

Non Ferrous Metal pBf]ux? :yfkgf p2]o yk kfh j [4 tyf lfdtf lj :tf/ ; Da6wl k/\$f cfj hg ; Da6wdf :j bzl j hf/sf]nflu pkoQm cg; f/ ug{:jls[t lbg] t}f]dh\$ af6 sRrf kbfy cfoft ul/ tof/L a:t'lgofç ugI p2]o af6 pBf]u ; #fngsf]nflu btf{xg] Non Ferrous Metal ; Da6wl pBf]ux?sf] ; Da6wdf Goçtd #)Ü dNo clej [4 l xg]ePdf dfq :jls[t lbg]. o; kpf]hgfy{dNo clej [4 u0fgf ubf{Output - Input }Formula

Input

cg; f/ u0fgf ugI ; fy}o:tf pBf]ux?sf]btf{: #fng p2]o, ykdf, kfh j [4 / lfdtf lj :tf/ ubf{: Deflj t lj efuaf6 dfq :jls[t lbg]-cf)k+ !^* sf]j }s lg= g+@ -%_

tflsg'kgIztx?

- jftfj /of ; Af0f lgodfj nl @)%\$ cg; f/ ug{kgI IEE ; Dj l6w k\$çf k'f u/L ; Sg' kgI.
- cgludg ugI kpf]hgfs]nflu k|o\$ k6s kl/jTo{lj bzl db| eQmfgl u/L cfoft ug{ nfu\$] sRrf kbfy\$]/sd tyf kl/df0f cfoft kl|tt kq vfl]g cuj }/ kl/jTo{ lj bzl db| lfdf lgofç u/\$f] kpf]0ft kl|tlnk g]/f-j \$ lj bzl lj lgod lj efudf hfgsf/L u/fpg' kgI.

IEE jf EIA ug{kg{pBf} / :jls{t ug{lgsfo

***-! k{/Des jftfj/Oflo kl/lfOf IEE jf jftfj/Oflo k{fj dNofsg EIA u/fpg' kg{ pBf}x? .**

>l % sf] ; /sf/sf] cfBf]us glltn] pBf]sf] :yfkgf, lj lj lws/Of Pj +lj :tf/af6 jftfj/Ofdf kg{ ; Sg]kl'tsh k{fj nf0{sd ug{pkfo cjndag ug{s/fnf0{cl'usf/ u/\$f] kl/k]fdf g{kfn clw/fHodf :yfkgf xg] pBf}x?sf] ; #fngsf] qmddf jftfj/Ofdf kg{ ; Sg]kl'tsh k{fj nf0{kl't/f]f]ds Pj +; /lff]ds pkfox? ckgf0{ To:tf]kl'tsh k{fj sd u/l jf x6f0 cg'sh k{fj x? a9f0 lbuf]cfly\$ nfe xfl; n ug{ p2]on] pBf]sf] :yfkgf, lj lj lws/Of Pj +lj :tf/ ug{ e6f klxn] g} tl pBf}x?af6 jftfj/Ofdf kg{ ; Sg] k{fj dNofsg ug{ ; Da6wdf pBf} d6qfnon] apBf} lfqs] nflu jftfj/Oflo k{fj dNofsg lgb{zsf, @)%@ tof/ u/l ldlt)%&.@) sf]g{kfn /fhkqdf k\$flzt ul/ ; f}L ldlt blv nfu'ul/Psf]5 .

jftfj/Of ; AfOf Pq, @)%# cftuf >l % sf] ; /sf/ hg; Vof tyf jftfj/Of d6qfnon]v08 \$& clt/Qmf !%, ldlt)%\$.#!@ sf]g{kfn /fhkq efu # df k\$flzt u/\$f] jftfj/Of ; AfOf lgodfjnl @)%\$ cg'; f/ sfof{og ug{sl7gf0{ ePsf]h] ; f]lgodfjnl df hg; Vof tyf jftfj/Of d6qfnon]v08 \$* ; Vof %) ldlt)%!.@@ efu # df k\$flzt u/\$f] ; Fgf cg'; f/ jftfj/Of ; AfOf lgodfjnl - klxnf] ; zfvwg, @)%% cg'; f/ ; f]lgodfjnl df ; zfvwg eP cg'; f/ pBf} btf{ug{ cl3 k{/Des jftfj/Oflo kl/lfOf (IEE) ug{kg{pBf} tyf k|tfj x? cg'; Fl ! df / jftfj/Oflo k{fj dNof'g (EIA) ug{kg{pBf} tyf k|tfj x? cg'; Fl @ df pNn]y ul/Psf]5 .

IEE jf EIA u/fpg' kg{pBf} btf{jf k|tfj sfof{og ug{cl3 b}fo adf]hdsf] k\$6f k'of0{IEE jf EIA :jls{tsf]nflu lj efudf k7fpg' kg{/ ; f]:jls{t k{k't eP kl5 dfq k|tfj sfof{og ug{kg} .

***-!-! k{/Des jftfj/Oflo kl/lfOf u/fpg' kg{pBf}sf] IEE k|tj}g tof/ ug{ k\$6f**

IEE ug{kg{cg'; Fl ! df pNn]vt k|tfj sfof{og ug{cl3 k|tfj sn]jftfj/Of ; AfOf lgodfjnl, @)%\$ -kyd ; zfvwg ; lxtsf] sf]cg'; Fl # df pNn]vt 9fFdf tof/ u/l lgod % adf]hd sfo{ Fl :jls{t u/f0{ ; f] sfo{ Flsf] cfwf/df ; f}L lgodfjnl sf] lgod & adf]hd k|tj}g tof/lsf]l; nl; nfd k{/Des jftfj/Oflo k/LlfOf ug{kg{ k|tfj sf] ; Da6wdf k|tfj sn] k|tfj sfof{og xg] ufpFlj sf; ; ldlt jf gu/ klnsf tyf lhNnf lj sf; ; ldlt jf ; /f\$ / /Vg]JolQm jf ; yfnf0{ k|tfj sf]sfof{ogaf6 jftfj/Ofdf kg{ ; Sg]k{fj sf] ; Da6wdf k6w|bg leq lnvt /fo ; emfj lbgf]nflu ufpFlj sf; ; ldlt jf gu/klnsf, lhNnf lj sf; ; ldtsf]

sfoffo, lj Bfno, c:ktfn / :jf:Yo sfbdf ; Rgf 6fF u/L drNsf tof/ ug{ /
; fxl adffhdsf] kGw|lbg] ; Rgf /fli60 :t/sf]sg}Ps blgs ; dfrf/kqdf ; d;
k\$zfg ug{kgI/ ; f] ; Rgf k\$zfg eP kl5 ; f] ; DaGwdf sg}/fo ; emfj kkt xg
cIPdf ; f] /fo ; emfj ; d;nf0{kltj dgdf ; dfj z u/L lgodfj nlsf] cg'; Rl %
adffhdsf s/fx? ; d; vhf0{kf/IDes jftfj /Oflo k/Llfof kltj dg tof/ ug{kgI/
; fxl lgodfj nlsf] lgod !) adffhd kltj dgsgf] !% klt / ; DalGwt ufpFlj sf;
; ldt jf gu/kflnsfsf] l; kmf/z ; d; ; mlg u/L pOm k|tfj :jls[tsf nflu
pBf]usf] l:sd, ævÆ kmf/fd, ; h[dg drNsf, gful/stfsf] kdfloft kltlnk cflb
; d; ; mlg u/L ljeufsf] Ohfht zfvdf k7fpg' kg\$. o; /L kkt ePsf] IEE
kltj dg ; fxl lgodfj nlsf] lgod !! sf]pklgod -!_ adffhd :jls[tl kbf]g ul/g]5

t/,

xfn IEE/EIA ug{kgI t/ ; flj sdf gkg]pBf]usf] lfdtf j [4, p2]o yk, 7fp#f/L
ugI; Dj Gwdf sfoffosf]/fo ; fy ljeufdf k7fpg' kgI/ jftfj /Of ; Af0f lgodfj nl,
)%\$ sf] cg'; lr ! sf] -cf_ sf] -v_ cg'; f/sf pBf]ux?sf] l:y/ khl ?= !) nfv
eGbf sd ePdf IEE/EIA ug{gkgI t/ btf{ul/ ; s]kl5 l:y/ khl ?= !) nfv
eGbf j9l xg]ul/ khl j [4, 7fp#f/l/, lfdtf j [4 ubf{ lgod & -@_ sf]k\$df k/f ug{
kg\$.

t/ ; fxl lgodfj nlsf] cg'; Rl ! sf]v08 -c_, -0_, -p_, -pm, -P_, -P], -cf], -cf} df
pNn]vt k|tfj sf] ; DaGwdf ; DalGwt lgsfoaf6 IEE kltj dg :jls[e}cfP kl5
dfq tI; DaGwl k|tfj sfoff]ogsf] nflu btf{ug{kg\$.

***-!=@ jftfj /Oflo kbf] dNofsG (EIA) u/fpg' kg]pBf]usf] EIA kltj dg tof/
ug{k\$df**

EIA ug{kgI cg'; Rl @ df pNn]vt pBf] btf{/ k|tfj sfoff]og ug{cl3
k|tfj sn] jftfj /Of ; Af0f lgodfj nl, @)%\$ sf] -kyd ; æf]vg ; lxt_ lgod \$
adffhd lf] lgwf{Of -:sf]kE_ :jls[tsf] nflu !% lbg] ; fj h]gs ; Rgf k\$zfg u/L
; f]sf]cfwf/df lf] lgwf{Ofsf] :jls[tl ng' kgI/ ; fxl lgodfj nlsf] lgod % adffhd
cg'; Rl \$ df pNn]vt 9fFdf tof/ u/L sfo{ Rl :jls[u/f0{ ; f] :jls[
sfo{ Rlsf] cfwf/df ; fxl lgodfj nlsf] lgod & adffhd ; Rgf 6fF u/L drNsf
tof/ ug{kgI/ ; fxl adffhdsf] !% lbg] ; Rgf /fli60 :t/sf]sg}Ps blgs ; dfrf/
kqdf ; d; k\$zfg ug{kg\$. o; /L ; Rgf k\$flzt eP kl5 sg}/fo ; emfj kkt
ePdf ; f] ; d;nf0{kltj dgdf ; dfj z ug{kgI/ k|tfj sfoff]og xg] ufpFlj sf;
; ldt jf gu/ kflnsfsf] Onfsdf Ps k6s k|tfj sf af/df ; fj h]gs ; gj f0\$fl
cfoff]gf u/L /fo ; emfj ; sng ug{kgI/ ; f] kkt /fo ; emfj nf0{/ lgodfj nlsf]
cg'; Rl ^ adffhdsf s/fx? ; d; vhf0{EIA kltj dgdf ; dfj z ug{kg\$.

o; /L kltj hg tof/ ePkI5 ; fxl lgodfj nlsf]lgod !) adfllhd kltj hgsf]!% klt / ; DalGwt ufpFlj sf; ; ldt jf gu/kflnsfsf]l; kmf/z ; d; ; mlg u/L pQm kltfj :jls[tsf nflu ; DalGwt lgsfo ; dlk kZ ug{kg5 .

o; /L klt ePsf] kltj hgdf ; fxl lgodfj nlsf]lgod !) adfllhdsf] k\$bf kfof0{ ; DalGwt lgsfo dfklt klt kltfj hg; Vof tyf jftfj/Of dGqfnon] EIA sfoflj ogsf]nflu l:j s[lt kbfj ug5 .

***!=# IEE jf EIA :jls[ug]lgsfo**

bkmf *!= adfllhd IEE jf EIA :jls[ug] ; DalGwdf pBflj dGqfnosf]k= ; = jftf-)%)%÷%^÷!)@ r= g=#^*! ldt)%!.!@@(sf]kqfg; f/ jftfj/Of ; AfOf lgodfj nl @)%\$ -; zflwt_ sf] lgod %@-!_ df ePsf] kljwfg adfllhd ldt)%!.!@.^ sf]dGql:t/lo lgOfOf; f/ kl/Ides jftfj/Oflo k/LIfOf (IEE) :jls[ug] / jftfj/Oflo kefj dNoflg (EIA) sf] xsdf /fo ; lxt lfg lgwf(Of (Scoping) sfo{ Fl Pj +EIA kltj hg pBflj dGqfnodf kZ ug]u/L demnf tyf 7hf pBflj?sf] xsdf pBflj ljeFunf0{/ 3/h' tyf ; fgf pBflj?sf] xsdf 3/h' tyf ; fgf pBflj ljeFunf0{clwsf/ k[OfOfhg ePsf]5 .

IEE :jls[tsf] nflu ; DalGwt ljeFulo kplvx?sf] clblftfdj jftfj/Of zfvf xg] kljlws -/f= k= l4_ pBflj ljeFu ePdf 3/h' tyf ; fgf pBflj ljeFusf]jftfj/Of xg]kplv jf 3/h' tyf ; fgf pBflj ljeFu ePdf pBflj ljeFusf]jftfj/Of xg]kplv, pBflj dGqfnosf]jftfj/Of zfvfsf]kltlgw / cfjZostfg; f/ ; DalGwt lgsfosf] kltlgw Pj+lzlf1 ; d;sf] ; ldt u7g u/L sfo{ ; Dkfbg ug] ul/ clwsf/ k[OfOfhg ePsf]5 . cfBflj us kj4g zfvfsf]/fo ; d; ln0{klt /fo cg; f/ bkmf *!=! cg; f/ IEE l:j s[tsf]nflu klt xg cfPsf kltfj x; Ohfht zfvfaf6 pQm ; ldt df kZ xg] / ; f] ; ldt af6 ; f] kltfj l:j s[, cl:j s[jf ; zflwg ug{kg] ePdf ; flx cg; f/sf] hfgsf/L kltfj snf0{ lb0g] / kltfj l:j s[ePkI5 sfofnonf0{k[OfOfht clwsf/ leqsf]kFl l; df eGbf a9L l:y/ kFl nfufgl xg] pBflj, ljeFusf] btf{ zfvfaf6 / cGosf] xsdf ; DjGwt sfofnodf pBflj btf{ u/f0g' kg5 .

— IEE ; ldt sf] :t/÷lhNnf:t/

— IEE sf]nflu lhNnf l:y: sfofnonf0{clwsf/ k[OfOfhgsf]laifo

*!=#!= Kl/Ides jftfj/Oflo k/LIfOf (IEE) :jls[ug] / jftfj/Oflo kefj

dNoflg (EIA) sf] xsdf /fo ; lxt lfg lgwf(Of (Scoping) sfo{ Fl (TOR) Pj + EIA kltj hg pBflj dGqfnodf kZ ug]ul7t ; ldt

dxl lgbZs, 3/h' tyf ; fgf pBflj ljeFu clblf

lgbZs -jftfj/Of xg] -/f=kla-k] pBflj ljeFu ; b:o

lgbZs -jftfj /of xgI 3/h' tyf ; fgf pBfU lj efu ; b:0
 lgbZs -0hfht xgI{3/h' tyf ; fgf pBfU lj efu ; b:0
 klrtglw 3/h' tyf ; fgf pBfU lj sf; ; ldt ; b:0
 zfvf clws[-0hfht zfvf_ 3/h' tyf ; fgf pBfU lj efu ; b:0

*=!#=@ kf/IDes jftfj /oflo k/lifof klrtj dg (IEE) :jls[tsf]nflu ul7t
 lhNnf :t/lo ; ldt M-

sfofho kdV, 3/h' tyf ; fgf pBfU sfofho ; ofhs
 clws[- klrtglw, lhNnf kZf; g sfofho ; b:0
 klrtglw, lhNnf 3/h' tyf ; fgf pBfU ; w ; b:0
 -gePsf]lhNnfd p=j f=; 3sf]klrtglw_
 kfij lws lj zif1 -; ofhsn]tf\$3f] sfofhos} ; lrj
 kfij lws 0[-hlgo/ - cfdlqt-; ofhsn]tf\$3f] ; b:0

*=!## xfn 3/h' tyf ; fgf pBfU sfofho @& lhNnfd # j6f pBfU[sf]

IEE :jls[- ug{clwsf/ kltofofhg ul/Psf]5 . tl pBfUdf 06f, /f8f 9Ef /
 knfli6s kb5g\ lhNnf l:yt sfofhon]cfkkmf0{kltofofht khl ; ldfleq /xl
 pk/fQm pBfU[sf]IEE :jls[- ug{kb5 .

*=!#-\$-S_ IEE ; Dj GwL ; Ygf k\$flzt ubf{lgDg cg' f/sf s'fx? clgj fo{?kdf
 vhfpg kb5 (IEE sf]; ldttsf]j 7s ^ (cf)a7ssf]lg0f0_

!= pBfU /xg]lhNnf
 @= ; Dj l6wt uf=j =; =g=kf=
 #= j 8f gDj /÷6fjh
 \$= hlufsf]lsQf g=
 %= /fo ; emfj kZ ug]lgsfo
 ^= k\{tfj ssf]gfd / 7ufgf
 &= pBfU[sf]p27o

-v_ pNn]vt ljj /of ; lxtsf] !% lbg]; Ygf /fli60 :t/sf] blgs klqsdfd
 k\$flzt ug{kgI 5 . ; Ygfsf] gd9f cg' YL-#\$ df lb0Psf] 5 . ; f] gd9f
 ; DaGwL pBfU[sf]hfgsf/Lsf]nflu ; Ygf kf6ldf ; d] /Vg' kgI 5 .

u_ 0hfht÷btf{e0{; #fngdf /x\$ f klxnf] IEE gu/\$f] pBf]usf] khl j [4, lfdtf j [4, p2]o yk, p2]o kl/j t]sf] dfu ePdf IEE u/fP/ dfq :jls[t lbg].(IEE ; ldtsf]!%) cf}j }ssf]lg0f0_

3_ klxn]g} IEE:jls[t u/fPsf pBf]ux?sf] lfdtf j [4, p2]o yk ug] ePdf khl j [4, lfdtf j [4 u/] ; #f]wt IEE kl]t]bg u/] IEE ; ldtdf lg0f0sf nflu k] ul/ /xg gkg]lj efuaf6 :jls[t ug{; Sg] -IEE ; ldtsf]*\$ cf}j }ssf]lg0f0_

a_ IEE :jls[t e0{ ; s\$ f pBf]usf] 7f; f/l]sf] :jls[t k]fg ubf{ jftfj /Of ; Af0f lgodfj nl @)%\$ sf]lgod &@_ sf] ; r'gf ; Dj Gwl kl]qmf / pBf] /xg]:ynsf] ; fw ; lwof/sf]d]l tyf ; l-hldg drNsf / uf=j=, =, g-kf= sf]l; kmf/; ; Dj Gwl kl]qmf k'/f ug{kg] IEE :jls[t ul/ /xg gkg]. pQm lgodfj nl cg'; f/ IEE gu/\$f pBf]ux?sf] xsdf kf= j f k= u/fP/ dfq 7f; f/l]sf]:jls[t ug{kg] -IEE sf]; ldtsf]!%) cf}j }ssf]lg0f0_

r_ btf{0hfht kf0{; #fngdf gcfPsf pBf]ux?n]; #fng ; Dj Gwl Dofb yk ug{k/] IEE gkg] -IEE ; ldtsf]&@ cf}j }ssf]lg0f0_

5_ af=; =g= @)%\$ nfu"xb' eGb clw btf{e0{; #fngdf /x\$ f] pBf]ux?n] xfn p2]o yk dfu u/] To:tf] pBf]usf] ; f]j ssf] lfdtf xfn EIA :jls[t u/fpg' kg]j udf kg]ePdf ; f] lfdtf / p2]o oyfj t /xg]u/l xfn yk xb]p2]o / lfdtf ; f]l pBf]usf]a]n}Psf0\$] ?kdf /xg]u/l kf= j f k= u/fpg]pBf]usf] xsdf j f=; =g= @)%\$ sf]kl]qmf ; d] k'/f u/l :jls[t lbg]. [-IEE ; ldtsf]!*# cf}j }ssf]lg0f0_

h_ ; fgf :t/sf] lrof v]l / lrof k]f]wg ug] pBf] :yfkgy{ kf=j f k=:jls[t u/f0 /xg]gkg]. [-IEE ; ldtsf]!!% cf}j }ssf]lg0f0_

***=!=\$ IEE jf EIA ug{kg]pBf]ux?n]c:yfol jf :yfol k]l]f0f lgoG0f kdf0f kq lngkg]**

jftfj /Of ; Af0f lgodfj nl, @)%\$ sf] -; z]wt_ lgod !^ adf]hd cg'; r'l & df pNny eP adf]hdsf xfn ; #fng e}/x\$ f pBf]un]pQm lgodfj nl kf/De ePsf] ldtn] () lbg leq / of]lgodfj nl kf/De xb' k]{btf{e0{p]kfbg z? gePsf pBf] jf of]lgodfj nl kf/De eP kl5 btf{xb]pBf]un]p]kfbg z? u/\$f]ldtn] ; f7l lbg leq ; Dalwt pBf]usf]lj :t] lj j /Of pNny u/l c:yfol k]l]f0f lgoG0f kdf0f kq lng ; Dalwt lgsfo ; dlf lgj]bg lbg' kg] . o; /L lgj]bg k]t ePdf ; Dalwt lgsfon] ; f]lgj]bg pk/ hfFaem u/l cfj Zostf cg'; f/ pBf] ; #fng xb]ufP]sf; ; ldlt jf gu/kf]nsfsf]/fo ; emfj ; d] ln0{To:tf]pBf] ; #fng ubf{jftfj /Ofdf pNny]glo kl]tsh k]fj kg]gb]df jf To:tf]k]fj sd jf lgoG0f

ug{; lsg]ePdf ; Dalwt lgsfon]to:tf pBfux?n]kfnf ug{kgIu/l cfj Zostf
cg; f/ bxfosf ; a}jf sg}zt{x? tfsq ; Sg]5 M

s_ kpf0f sd ug{jf lgoq0f ug{cfj Zos pks/0fx? lgwf/t ; dodf h8fg ugI
v_ h8fg ePsf kpf0f lgoq0f pks/0fx?sf]plr t kpfu ugI.

u_ lgwf/t ; dodf dfq pBfu ; #fng ugI.

3_ sg}pBfu xftf leq sg}sf ul/Paf6 kpf0f ePsfdf ; f] sfd /f]sf ug\$]nflu vf; pkfox? cj ndag ugI.

a_ sg}pBfusf] sfd sf/jfxlaf6 pBfu xftf aflx/ kpf0f ePdf ; f] sfd sf/jfxlnf0{lgoq0f ug\$]nflu vf; pkfox? cj ndag ugI.

r_ cgludgsf]nflu cfj Zos kgIpkf/0fx? lglZrt ; dodf pknAw u/fpg].

5_ ; Dalwt lgsfon]pBfusf]k\$[t cg; f/ cfj Zos ; Dem tfl]slbPsf c6o
zt{adfl]ndsf sfd ugI.

***=@cgdltsf]nflu b/vf:t lbg'kgI**

Pgsf]bkf (adfl]nd cgdlt lngkgI pBfusf]:yfkf, lj :tf/ Pj +j lj lws/0f ug{
rfxgh] Pgsf] bkf (-@_ adfl]nd cgdltsf] nflu ljefu ; dlf cg; 'L !)
adfl]ndsf] 9fFdf l/tk] \$sf] b/vf:t lbg' kg5 . pkoQm adfl]nd ; Dalwt
sfon]odf b/vf:t kg{ cfPdf k]ofon]t clwsf/ cgtuf kgI eP ; Dalwt
sfon]on]g}cfj Zos k\$of k%of0{cgdlt kbfug ugI/ k]ofon]t clwsf/ leq
gkgIeP cfj Zos lj j/0f tyf sfon]osf]:ki6 /fo ; lxt ljefudf n]v k7fpg'
kg5 .

o; /L kkt ePsf b/vf:t tyf lj j/0f 5fgljg, clbog ul/ k]ofon]t clwsf/
cgtuf kgIeP ljefuaf6 g}cgdlt kbfug ul/g]5 / k]ofon]t clwsf/ cgtuf
gkgIeP Pgsf]bkf !@ adfl]nd ul7t af\$df k]tfj kZ ul/ lgof6fg; f/ sfon]og
ug{kg5 .

***=@! cgdltsf]nflu b/vf:t ; fy kZ ug{kgI sfuhftx?**

Pgsf]bkf (adfl]nd cgdlt lng' kgIj f o; lbubzgsf]cg; 'L ! jf @ adfl]nd
k]/IDes jftfj/0flo kl/lfof (IEE) jf jftfj/0flo kpfj dNofsg (EIA) u/fpg'
kgI pBfusf]:yfkf, lj :tf/ Pj +j lj lws/0f ug{rfxgh] b}fo adfl]ndsf sfuhft
tyf lj j/0fx? ; #lg ul/ b/vf:t lbg' kg5 .

!= cg; 'L !) adfl]ndsf]asE b/vf:t kmf/fd .

@= cg; 'L % adfl]ndsf] 9fFdf tof/ kfl/Psf] k]/IDes jftfj/0flo kl/lfof
kl]tjbg jf cg; 'L ^ adfl]ndsf] 9fFdf tof/ kfl/Psf] jftfj/0flo kpfj
dNofsg kl]tjbg . -IEE/EIA ug{kgI pBfusf]nflu dfq

#= cg' rL !! adf]hdsf]9fFfdf tof/ kfl/Psf]l:sd .
 \$= cgdlt dfu ugI JolQm=; femf/x?÷; #fnsx?sf] gful/stfsf] kdfloft
 kl'tlnlk .
 %= pBf]sf] k\$[tsf] cfwf/df pBf] l]z]fsf nflu tfl]sPsf cGo cfjZos
 sfuhftx? .
 ^= cGo lgsfosf] h:t}ko6g dGqno, s]b]lo vfB cg' Gwfgzfnf, uX dGqno,
 kz' ; j]f lj efu, ; #f/ dGqno, rnlrq l]sf; j]f\$ s]f lj efu cflb lgsfosf]
 l; kmf/z jf ; xdl't cfjZos kgIePdf To:tf]l; kmf/z jf ; xdl't kq .
 &= cg' rL (df pNn]vt pBf]ux? afx\$ cGo pBf] cGt{fli60 l; dfgf; #
 hf\$LPsf lhNndf pBf] :yfkf ugI ePdf k]tfl]t pBf] :yn cGt{fli60
 l; dfgaf6 * lsnf]d6/ eGbf 6f9f k5{eg]; DalGwt uf=lj=; =:g-kf=:lh=lj=;
 =sf]b/l kdfloft .
 *= pBf]sf]:yfkf kZrft xg ; Sg]jftfj /of kblf0f, hg:jf:Yodf gsf/flTds c; /
 kgI tyf lj :kmf}s kbfy{kof] xg] pBf] l]z]fsf] nflu gu/kflnsf jf 3gf
 j:tlaf6 lglZrt b/l'df :yfkf ug{kgl u/l b/l vhfpg tfl]sPsf pBf]sf]
 xsdf To:tf]b/l kdfloft h:t}06f, /f\$ 9uf, ; nf0{ vfB; f/L, r/f\$, Pn= lk=
 llofF, lnlrE kfp8/ cflb tyf cGo o:t}k\$ /sf pBf]ux? .

***-@@ lj efuaf6 cgdlt lbg ; lsg]pBf]ux?**

af\$]sf] () cf]a]s cyf Pj nfu"ePsf]ldlt)\$(.&.@& kl5 k6s k6s a; \$f
 a]ssf lgofox?af6 lj &, ; tl{/ vgl, k/Dk/fut xftxltf/ pTkfbg ugI pBf],
 ; nf0{ tyf dlb/f pBf]sf]:yfkf, lj:tf/ tyf l]l]ws/of ugI cgdlt kbf] ugI
 clwsf/ lj efunf0{k]ofof]hg ePsf]b]xfo adf]hd 0hfht kbf] ul/g]5 .

***-@@! ; nf0{pBf]**

af\$]sf] !!) cf]a]ssf] lgofo g+ ^@_ cg' f/ ; fgf :t/sf ; nf0{pBf]sf]
 cgdlt kbf] ug{b]fosf zt\$? tfl]s cgdlt kbf] ul/g]5 . ; nf0{pBf]sf]
 nflu rf]lkm; fW ; fwof/sf]; xdl't ; d]sf]; h]dg dr]nsf kZ u/fpg' kg\$.
 != ; /lff Joj:yf (Safety measures) ; DaGwl pkoQm pkfox?sf] Joj:yf
 ug{k\$.
 @= pTkfbgsf]qmdf v] hfg]kbfy\$? plrt tl/sfn]lg/fs/of ug{k\$.
 #= jftfj /of kblf0f gxg]Joj:yf ldnf0{pBf] ; #fng ug{k\$.
 \$= ; a] /; folgs kbfy\$?sf] Handling code of Practice agf0{ ; a]
 sfdbf/ sd{f/lnf0{hfgsf/l u/f0{nfu"ug{k\$.
 %= /; folgs kbfy\$?sf]kof] tyf e08f/ ; Joj]yt tl/sfn]ug{k\$.

^= cgelj kflj lwsnf0{; mlg u/f0{pTkbfg ug{kgf .
 &= clgl lg/fvs pks/0fsf]cfj Zos Joj :yf ug{kgf .
 *= pBfu cfj f; lqaf6 sldtdf ! ls= dl= ebf 6f9f :yfkf ug{kgf .
 (= gu/ lj sf; Pj nfu' ePsf lqdf gu/ lj sf; ; ldtsf]/ gS; f ; d; kf;
 ug{kgf 7fpdf ; Dalwt lgsfoaf6 gS; f kf; u/] dfq pBfu ; #fngsf]
 nflu 3/ lgdf0f ug{kgf .

***-@@@ dlb/f pBfu**

Pj cg' f/ cgdlt lng' kgf dlb/f pBfu :yfkfy{cgdlt kbfug ug{clwsf/
 af\$sf] !@@ cf)a]ssf]lgof6 g+@# cg' f/ ljeunf0{klofofhg ePsf] 5 .
 af\$sf]!!& cf)a]sn]dlb/f pBfu :yfkfy{bxf0 adf]hdsf cfwf/x? lgwf{0f
 u/\$f]5 .

t/xfn

s_ dlb/f pTkbgsf]nflu gofFpBfu :yfkf ug{0hfht kq kbfug ug{
 e0 /x\$]pBfunf0{qnd; Mc6o j :tx?sf]pTkbfg ug{pBfudf ?kft/
 ug{.

v_ dlb/f pTkbfg ug{pBfusf] j/k/ jftj/0f :jR5 /fVg nufpg] /
 pBfuleq cftl/s lgsf; fsf] Joj :yf ug{ nufpg] -d=k=sf] ldt
 @)%*.^.% sf]lgof6 cg' f/_ .

!= :j bzd f g]pTklbt /\$6lkmf08 l:k6 kofu ug{hf0{0hfht kbfug ug{.

@= l8li6nzg knf6 /fVg] pBfux?n] clgj fo{?kdf Effluent Treatment
 Plant /fVg' kg{.

#= cft/fi60 Voflt kft ePsf] Brand Name kofu ul/ dlb/f pTkbfg ug{
 pBfunf0{kfyldstf lbg}.

\$= lj bz l kflj lws ; xflutdf ; #fng ug{pBfun]cf^gf]sh pTkbgsf]%)
 kltzt clgj fo{?kdf lgof ug{kgf.

%= z]fs ; fdilhs tyf wld\$:ynnf0{kltsh c; / gkg{u/l pBfu :yfkf
 ug{kgf.

^= 0hfht kft u/\$f]@ j if{leq}Joj ; flos pTkbfg ul/ ; Sg' kg{.

&= :yfglo lgsfoaf6 3flift ul/Psf]dlb/f lgif]wt lqdf gofFdlb/f pBfusf]
 0hfht kbfug ug{.

pk/fQm cfwf/df pln]vt ; Dalwt zt{x?sf clt/Qm bxfosf zt{x? ; d;
 kfngf ug{kgf ul/ ljeuaf6 g}dlb/f pBfusf]0hfht kbfug ul/g]5 . dlb/f

pBfū :yfkgy{rf}lkm(; fW ; fWof/sf] ; xdlit ; d]sf] ; h[dg dhNsf kž ug{ kg\$.

!= :j bždf g}pTkfbt /\$6kmf08 l:k6÷df]fl ; ; ÷:yfglo kmkln dfq sRrf kbfi\$?kdf kpfū ug{kg\$.

@= l8l:6n] g / kmD[6žg k\$pfaf6 dlb/f pTkfbgug[pBfūn] Patent Steel Plant clgj fo{?kdf /fVgkg\$.

#= l8l:6n] g / kmD[6žg k\$pfaf6 dlb/f pTkfbg ug[0hfht kfPsf]* dlxgf leq / Jn]08^a k\$pfaf6 dlb/f pTkfbg ug[pBfūn]0hfht kfPsf]\$ dlxgf leqdf pTkfbg ug{kg\$.

\$= kblift kfglnf0{60f1ldf hDdf u/L cfjZos ;]8d[6] g jf 6o6mf0h] g u/L cf^g}hluufdf lg:sf; g ug{kg\$.

%= Effluent sf]:t/ gž u÷ @@(sf]l; df leq /xg' kg\$.

^= jftfj /of kblifof gxg]Joj :yf ldnf0{dlb/f pTkfbg ug{kg\$.

&= dlb/f pTkfbg ug{kj} {dNo clea[4s/ ljeuaf6 0hfht Ing' kg\$.

*= pTkfbt dlb/f dNo clea[4 s/ ljeu dkkft u0f:t/ kl/lf0f u/fP/ dfq lj lqm lj t/of ug{kg\$.

(= kflnt dlb/f kžf; g ; DaGW Pž, lgod lj kl/t sfo{ug{kf0g]5ž .

!)= 5/ l5d\$nf0{afwf gk%of0 pBfū ; #fng ug{kg\$.

!!= pBfū ; #fng ubf{pBfū leq e}x\$]sfd sf/j fxlnf0{dh ; 8saf6 gb]vg]Joj :yf ldnfpg' kg\$.

!@= dlb/f pBfūsf] :yfkgy{ ufpF lj sf; ; ldltaf6 ul/Psf] rf}lkm(; fW ; fWof/sf] ; xdlit ; lxtsf] ; h[dg dhNsf / ; Dj lGwt lhNnf lj sf; ; ldltaf6 ; f]lhNnf dlb/f lgif]wt lfg 3flift gePsf]kdfloft kq .

***=@# ; DalGwt sfofxofaf6 cgdlt kbfq ug{; lsg]**

af\$] (\$) cf}a}ssf]lg0f6 g# !!-@! -#_ / !!* cf}a}ssf]lg0f6 g#! cg' f/ ljefunf0{clwsf/ k]ofof]hg ul/Psf lj 8L, ; !t{/ vğl tyf k/Dk/fut xft xltof/ pTkfbg ug[pBfūsf] 0hfht kbfq ug[clwsf/ ; DalGwt sfofxofaf6?nf0{ ; d] k]ofof]hg ul/Psf]5 .

***=@#! lj 8L, ; tL{/ vğl**

af\$] !!* cf}a}ssf]lg0f6 g# !-@-s_ cg' f/ ; DalGwt sfofxofaf6?nf0{ lgwfl/t u/\$]zt{? kngf ug[ul/ k]ofof]ht kfl ; ldf leq /xl lj 8L, ; tL{/ vğl pBfūsf]0hfht lbg]clwsf/ k]ofof]hg ePsf]0hfht kbfq ubf{b}fosf zt{? pNny ug{kg\$.

- != pBfU ; #fng ubf{jftfj /of kblf0f gxb]JoJ :yf ug{kg5 .
- @= ; tl{ tyf vgl]sf] kofs0df æ; tl{ ;]g :j :Yosf] nflu xflgsf/s 5Æ e6g] jfSofz+/ lj 8L pBfU eP lj 8Lsf] kofs0df æwdkfg :jf:Yosf] nflu xflgsf/s 5Æ e6g] jfSofz+n]vPsf]n]n clgj fo{?kdf 6fFg' kg5 .
- #= sdbf/x?nf0{df:s, Pkfg cflb :jf:Yo ; /lffsf ; fwgx? pknAw u/fpg' kg5 .
- \$= pTkfbgsf]qmdf v] hfg]kbfx{?sf]pkoQm tl/sfaf6 lg/fs/0f ug{kg5 .
- %= 5/ l5d\$nf0{afwf gk%of0{pBfU ; #fng ug{kg5 .
- ^= pBfU ; #fng ubf{ pBfU leq e}x\$] sfd sf/jfxlnf0{ dh ; 8saf6 gb]vg]JoJ :yf ldnf0{pBfU ; #fng ug{kg5 .

***-@#-@ 3/fo;L kpf]sf k/Dk/fut xftxtof/ pTkfbg ug]pBfU**

P]sf]cg; Fl @ adf]hd Ohfht lng kg]ju0f k/\$f pBfUx? d]b]af\$]sf] !!* cf]a]ssf]lg0f6 g= !-! / !-@ n]v\$/l -@ lkm6 ; Ddsf], sb{ rKkl, rh]L, :ofEl / agr/f]h:tf]3/fo;L kpf]sf]k/Dk/fut xftxtof/ pTkfbg ug] pBf]sf]Ohfht kbf]g ug]clwsf/ sfof]ox;nf0{k]ofof]hg u/\$f]k]ofof]ht clwsf/ c]tu{sf]kFl ; ldf leq /xl b]fosf zt{? ; d] t]s pBf]sf] cgdlt kbf]g ug]kg5 .

!= 3/fo;L kpf]sf @ lkm6 ; Ddsf]v\$/l, sb{ rKkl, rh]L, :ofEl / agr/f] dfq pTkfbg ug]kg5 .

@= pBfU ; #fng ubf{jftfj /of kblf0f gxb]ul/ ; #fng ug]kg5 .

#= pBfU ; #fng ubf{Wj gl kblf0f xg ; Sg]ePsf]h]Wj gl -cf]fh_ kblf0f sd ug]pkfo cjndag ug]kg5 .

\$= pBfU ; #fng ubf{; /lff]ds pkfox? cjndag ug]kg5 .

%= 5/ l5d\$nf0{afwf gk%of0{pBfU ; #fng ug]kg5 .

^= pBfU ; #fng ubf{ pBfU leq e}x\$] sfd sf/jfxlnf0{ dh ; 8saf6 gb]vg]JoJ :yf ldnfpg' kg5 .

***# cgdlt kbf]g ug]k\$0f**

cgdlt]sf]nflu o; lbbzgsf]bkrf *= @ adf]hd k]kt b/vf:t / ; f] ; fy ; mlg sfuhftx? kzf; lgs tyf k]lj lws klaf6 vf; u/] lgDg ln]vt lj ifox?df cl]boog tyf lj Zn]f0f ul/ k]t]f]j t pBfU :yfkf6 kg{; Sg]cfly\$, ; dflhs, k]lj lws tyf jftfj /oflo k]tsh c; /x?sf lj ljw klfd c]l]boog tyf lj Zn]f0f ul/ cgdlt lbg dgil; a b]vPdf k]ofof]ht clwsf/ leq /xl pBfU :yfkf]sf]nflu Ohfht lbg] jf yk cf]Zos sfuhft jf lj j /of dfu ug]kg]b]vPdf kg]yk lj j /ofx? k]z ug{

nuf0{ ; Dk0f{lj j /0fx? k{k t ePsf] #) lbg leqdf cg' ;rl !@ adf]hdsf] 9fFdf
cgdlit k{fg ug{k}g5 .

!= k|tflj t pBf] :yn cg' ;rl * / (adf]hd pBf] :yfkf ug{gkf0g] lfd
k5{k}b5 <

@= c6o lgsfosf]l; kml/z÷kltlqmf÷b/lkdfloft÷; hldgdrNsf÷nfnkhf
d6h/gfdf÷hluvsf]gS; f÷:sld÷ gful/stf÷ IEE jf EIA cflb dWb]cfj Zos
kg]sfuhftx? k}z ePsf 5g\ 5}g<

#= pBf] lj z]fsf] nflu lgwf/t /]8o; sf] hluuf pBf]n] kof] ug{k}gdf kofk
hluuf pknAw ePsf]5 5}g <

\$= k|tflj t pBf]sf]d]zg/L, sRrf kbfy{tyf pTkfbg lfdtf, pkoQm Pj +dgfl; a
5 5}g <

%= k|tflj t pBf] :yfkfaf6 hg:jf:Yo / jftfj/0fdf klts h c; / kg{ ; S5
; Sb5 < kg]eP /f\$ydsf pkfox? ckgfpg ; lsg5 ; lsb5 <

^= k|tflj t pBf] :yfkfaf6 z]fs, wld\$, tyf ; f:s[ts jftfj/0fdf gsf/flds
c; / k5{k}b5 < kg]eP gsf/flds c; / sd ug]pkfox? 5g\5}g<

&= IEE jf EIA df k|t't ul/Psf jftfj/0f k}f0f sd ug]pkfox? pkoQm
dgfl; a / nfu'ug{; lsg]vfnsf 5g\5}g<

***\$ cgdlit kqdf pBf]n]kngf ug{k}g]zt{? pNny ug{k}g]**

cgdlit lng' kg] sg} kl5 pBf] :yfkgsf] nflu cgdlit k{fg ubf{ cg' ;rl !#
adf]hdsf] sfo{of]hgdf pNny u/\$f] cj lw vhf0{pBf]sf] k\$[t tyf pBf]af6
hg:jf:Yo tyf jftfj/0fdf kg{ ; Sg]klts h c; /nf0{sd ug]pkfo cj n]dag ug{
jf pBf] lj z]fsf]nflu vf; lsl; dsf lj z]f zt{tf\$g' sf ; fy)IEE/EIA klts }g
rflxg] pBf]sf] xsdf ; f] :jls[ubf{ t]sPsf] zt{; d] cgdlit kqdf k}6
pNny ug{k}g5 .

***% cgdlitsf]nflu sfo{of]hg k}z ug{k}g]**

cgdlit k{fg ug]lg0f6 eP kl5 cgdlit dfu ug]k|tflj t pBf] :yfkf tyf
; #fng ug{nflg] qdf] ; s cj lwdf ul/g] sfo{k}lt / pBf] ; #fng ug{nflg]
cgdf]gt ; do ; d] pNny u/L a9ldf !@ dlxgf cj lwsf] nflu cg' ;rl !#
adf]hdsf] 9fFdf sfo{of]hg (Plan of Operation) k}z ug{k}g5 .

***^ cgdlitsf]nflu w/f6L /sd hDdf ug{k}g]**

cgdlit k{fg ug]lg0f6 ePkl5 cg' ;rl !@ adf]hdsf] 9fFdf cgdlit k{fg ubf{
b}fodf pNny]vt l:y/ k]l]sf] cfwf/df b}fo adf]hdsf] w/f6L /sd ljefu jf
; DalGwt sfo{fosf]w/f6L vftdf hDdf ug{nufpg' kg5 .

qm ; ≠	l:y/ kFl nufgl ljj /Of	hDdf ug{kglw/fōl /sd
!=	l:y/ kFl ?= %,))))) .- ; Dd	? !,)))).-
@=	l:y/ kFl ?= !,))))) .- ; Dd	? @,)))).-
#=	l:y/ kFl ?= @%,))))) .- ; Dd	? \$,)))).-
\$=	l:y/ kFl ?= %) ,))))) .- ; Dd	?= &,)))).-
%=	l:y/ kFl ?= !,))))) .- ; Dd	? !,)))).-
^=	l:y/ kFl ?= !,))))) .- eGbf dfly	? @,)))).-

z?df cgdlt lnbf l:y/ kFl sfod e}; fxl cg; f/sf]w/fōl /sd hDdf u/\$fōf kl5 l:y/ kFl a[4 jf p27o yk ug{k/df a[4 ePsf]l:y/ kFl df ; flj sdf hDdf u/\$f]w/fōl /sdn]gku ePsf]yk /sd dfq hDdf ug{kgl5 .

***=& cgdltsf]Dofb yk ÷ cgdlt /2 ug[÷w/fōl /sdf hkmt ÷ w/fōl /sd lkmtfē p27o yk jf kl/j tō**

cgdlit kqdf tfl]sPsf]Dofb leq pBfū :yfkf jf ; #fng ug{g; sōf dgfl; a sf/Of ; lxt b/vf:t lbg' kg[/ sf/Of dgfl; a bl]VPdf Dofb yk ug{; lsg]5 . sf/Of dgfl; j gb]VPdf cgdlt -0hfht_ /2u/l ; f]j fkt /fv\$]w/fōl /sd hkmt ul/g] 5 .

***=&! cgdltsf]Dofb yk**

cgdlit lng' kg[pBfūs]cgdlit kq kfl't ePsf]#% lbg leqdf pBfū btf{ug{ ; Dalōwt sfōfōdf b/vf:t lbg' kg5 . sltko sf/Ofn]ubf{; f]Dofb leq pBfū btf{ug{g; sōf tfl]sPsf]Dofb leq btf{ug{g; Sgfsf] sf/Of tyf d]rTo xll/ cgdlt kfPsf]^ dlxgf leqdf pBfū btf{ug[u/l ; Dalōwt sfōfōn]g}Dofb yk ul/ pBfū btf{ul/ lbg ; Sg]5 .

t/ dlb/f tyf r/fō pBfūs]Dofb yk tyf ^ dlxgf eGbf a9l cj]wsf]Dofb yk ubf{tyf btf{e}; s\$]pBfū ; #fng ug[cgdltsf]Dofb yk ug[; Dalōwdf b]fo adf]hdsf sfuhft ; lxt sfōfōsf]:ki6 /fo l; kmf/z ; lxt lj efudf n]v k7fpg' kg5 .

!= cgdlt kqdf tfl]sPsf]Dofb leq pBfū btf{ug{g; Sgfsf]sf/Of .

@= pBfū ; #fng ug[; Dalōwdf xfn; Dd kž u/\$f]sfo{kūlt ljj /Of .

#= pBf] bt{e}; s\$]f] Dofb leq ; #fng ug{g; Sgfsf]sf/Of .

\$= bt{e}; s\$]f]pBf]usf]kdf0fkqsf]kl|tlnk .

***-&@ w/f]l /sd lkmtf{ug{k]qnof**

cgd]tsf]nflu h]df u/\$]w/f]l /sd lkmtf{lngsf]nflu pBf] ; #fng eP kl5
cgdl]t kqdf p]n]vt zt{x? kfngf u/\$]ePdf dfq w/f]l /sd lkmtf{ug{; lsg]
ePsf]w/f]l /sd lkmtf{ug\$]nflu ; DalGwt sfof]on]b]fosf sfuhftx? ; lxt
t]sPsf zt{x? pBf]n]kfngf u/]gu/\$]:ki6 /fo tyf l; kmf/z l]efudf k7fpg'
kg] / sfof]on]g]lkmtf{lbg'kg]f klg ; f]l cg'; f/ ug{k]kg] .

!= cg'; 'l !\$ adf]hdsf]pBf]usf]:ynut lg/Lifof kl|tj]bg .

@= cgd]t kqdf t]sPsf]Dofb leq jf yk ePsf]Dofb leq pBf] ; #fng ePsf]
kdf0f .

#= w/f]l /sd h]df u/\$]; Ssn /l; b .

***-&# cgd]t lng kg]pBf]usf]p2]o yk jf kl/j t]g**

P]gsf]bkmf (cg'; f/ cgd]t lng kg]pBf]usf]p2]o yk jf kl/j t]g ug{k]ePdf
; DalGwt sfof]on]:ki6 /fo tyf l; kmf/z ; lxt l]efudf k7fpg' kg]5 . t/
k]ofof]ht clwsf/ c]tu]t kg]eP ; DalGwt sfof]on]g]p2]o yk jf kl/j t]g ul/
lbg ; Sg] .

(= pBf] :yfkf ug{l]f] -:yfg_

cfBf]us l]sf; / l]:tf/sf]qmd ; u}a9b}u}/x\$]zxl/s/Of tyf hg3gj ; d]sf]
sf/Ofaf6 xg u}/x\$]jftf]/Of k]l]f0fnf0{lgo]qof, /f]yfd tyf sd ug]/ Jojl:yt
?kdf cfBf]usls/Of ; d] u/fpg]p2]on]P]gsf]bkmf !@ adf]hd ul7t af\$]l]dt
)%\$.!@ (df a; \$]!]#@ cf]a]ssf]lg0f6 g=#! cg'; f/ pBf] :yfkf ug{kf0g]l]f] -
:yfg_ ; DaGwl ; f]j ssf] gl]tnf0{ kg]/f]nf\$g ul/ b]fo adf]hdsf]gofG]l]t nfu'
ul/Psf]5 .

(=! sf7df8f]pk]osfsf gu/kf]nsf]leq :yfkf ug{kf0g]pBf] sf7df8f]pk]osf]leq
:yfkf ug{kf0g]pBf] / sf7df8f]pk]osf jf]l/xsf gu/kf]nsf]df :yfkf ug{kf0g]
pBf]usf]; Dj]wdf cg'; 'l * df p]n]v eP adf]hd xg]5g\

(=@ c]t/f]6] l; dfgaf6 * lsn]d6/ 6f9f pBf] :yfkf ug{k]g]

cg'; 'l (df p]n]vt pBf]x? afx]s c]o k]f/sf pBf]x? c]t/f]6] l; dfgaf6
s]d]tdf * lsn]d6/ 6f9f :yfkf ug{k]g]5 . o; sf]nflu pBf] :yfkf ug{cl3
; DalGwt lgsfoaf6 b/l kdf]of]t u/fpg'kg] . t/ bkmf ^=! c]tu]t kg]k/Dk/fut
3/h' pBf] -un]f afx]s_ / b0]fv ?k]f; Dd l:y/ h]yf ePsf p]k]fbgd]hs 3/h'
pBf] -sl6/_ sf]xsdf of]b/l acb]h nfu'xg]5g .