

ZijxKZ tctUvj qvg M'vm (GjicR) weagvj v, 2004 Gi ms'kvabx c' ve

Dci-D³ weagvjvi-

c_g Aa'vq

cviiK

1| weia 2(33) 0'vcbvó A_ Ggb cv½Y hvnv M'vmvav'i ev mmjÛvi GjicR gR` A\_ev GjicR gR` I mmjÛvi M'vm f'Zi Rb' we'klfvte baviz|

ØZxq Aa'vq

2| weia 3(2) Dciela (M) Dcvb'Q' i ci b'ic Dcvb'Q' ms'hvRZ nB'tet (N) tiiUK'j'UW c'x'Z'Z GjicR e'envi Kri'Z cwi'teb bv|

3| weia 10 `NUbv ciZ'ivta we'kl mZKZv| - weia 10 (2) (M) Gi ci b'ic Dc-weia (N) ms'hvRZ nB'tet-

10(2)(N) mivmii m'hi Av'j'v'Z ev mmjÛvi K DËB K'i Ggb v'v' GjicR mmjÛvi gR` Kiv hvB'te bv|

4| weia 13 Gi ci'e'Z b'ic Dciela (1) I (2) ciZ'vicZ nB'te; h_v:-

(1) GjicR gR`, c'ienb ev Dnv Rvjvbx inmvte e'env'ii t'ÿ'Î mmjÛvi ev M'vmvav'i Ggbfvte i'v'Z nB'te t'hb Dnvi 0'tmdu ii'jd fvjÓ (Safety Relief Valve) evúxq As'ki minZ mivmii msh³ Ae'vq v'K|

(2) mmjÛvi evRvRvZKvix t'Kv'v'v'x KZK t'fv³v mvav'Yi D'Í'k' mmjÛvi e'envi c'x'Z I mZKZvgjK e'e'vi b't' kbv mmjÛvi Mv'q ij'ce'x Kriqv ev t'j'ej Av'K'v' msh³ Kri'Z nB'te|

cÂg Aa'vq

5| weia 53 Gi Dc-weia(2)Gi ci b'ic Dc-weia ms'hvRZ nB'te h_v:-

(3) mmjÛvi c'ZKvix t'Kv'v'v'x Av'te'bi t'c'ÿ'Z cavb we'v'v'K c'v'kK, we'v'v'K c'v'v'v' t'Kvb KgKZv'K m'Kvix v'v'q'Zi e'v'v'Z bv NUvBqv b'v'c'ÿ c'v'kKvix t'mev c'v'bi AbigZ c'v'v' Kri'Z cwi'teb| D³ t'mev Mn'Yi t'ÿ'Î m'Kvi baviz id c'v'v'ceK t'mev MnY Kri'teb hvnvi 50% m'Kvi I 50% c'v'kKvix KgKZv MnY Kri'teb|

6| weia 53 Gi we'gvb Dc-weia 53(3), 53(4), 53(5) h_vµ'g 53(4), 53(5) I 53(6) inmvte msL'v'qZ nB'te AZtci b'ic Dc-weia ms'hvRZ nB'te, h_v:-

(7) t'Kvb ciZôvb KZK b'igZ mmjÛvi cavb we'v'v'K c'v'kK KZK AbigZ e'v'v'v'K evRvRvZ ev bR' GjicR f'Zi c'v'v'U e'envi Kri'Z cwi'teb bv|

7| weia 57 Gi Dciela (4) b'ic ciZ'vicZ nB'tet- Dciela (1) G D'ijøLZ h'sisk Q'ovI A'Zi³ cev' fvj (cev' b'qšY fvj) [Excess Flow Valve (Flow Control Valve)] M'vmvav'ii f'Z'i ev evn'ti Mv'qi m'½ msh³ v'K'te, v' b'qšZ eÜKiY fvj (Remote controled shut-off valve), D'P P'v I D'P t'j'fj G'v'jg msh³ Kri'Z nB'te|

8| weia 61 Gi Dciela (2) Gi `dv-(K) t'Z b'ic b'ivcËv P'Y I mZKevYx ciZ'vicZ nB'te; h_v:-



AmZ cRjbxq M'vm



†Lv jv wklv wblx



agcvb wblx

9| cÂvg Aa'vqî ZZxq As†ki †k†ivbg †b†i/c c†Z'vcb nB†e; hv_v-
(1) avib c† I hšvsk Avg`vwb |

10| †e†a 68 Gi Dc†e†a (2) Gi ci †b†i/c Dc†e†a (3) m††hv†RZ nB†e; h_v-
(3) GB †e†agv jvi beg Aa'vq †i†UK†j†UW m††f†mi Rb" e'eüZ hšc†Z carb †e†üviK c†i`kK KZK c`E
Abvc†Ëc††/cvi†gU MnY e`Z†Z Avg`vwb Kiv hvB†e bv |

11| †e†a 68(4) GB †e†agv jvi `kg Aa'vq D†j†LZ hvbe†nb i/c†š†i hšc†Z carb †e†üviK c†i`kK KZK c`E
jvB†mY/Abvc†Ëc†† MnY e`Z††i†K Avg`vwb Kiv hvB†e bv |

Iô Aa"vq

12| Weia 70(4) cZ"K Gj"clR "vcbv ev gR`vMvzi "bæeYZ mZKeYx Ges cZxK e"envi KiiZ nBte t



AiZ cRjbxq M"vm



(4) †Kvb GjicR M'm f1Zi jvB#mÝavix Zvrv†`i ‖bR⁻ ev†Ûi ‖mjÛvi e"ZxZ Ab††Kvb c1Zôv†bi ev ev†Ûi ‖mjÛvi f1Z K1i†Z cwi†eb bv|

(5) †Kvb GjicR M'vm fZi jvBmYavix KZK GjicR gR` jvBmY bvb Ggb e'v³ ev cizôvb†K jvBmY†hvM' c'igvY GjicR mieivn Kii†Z cwi†eb bv|

Aóg Aa'vq

16| Aóg Aa'vqi †eia 110 Gi ci †b†i/c †eia 111 nB†Z 125 ms†hvRZ nB†e|

[†eia 111] GjicR fZKi†Y cvjbx †b†`kbv|-Rvjvbx mieiv†n e'eüZ †Wm†cbmv†ii m†bK†U Ges mn†R `k'gvy Ae'v†b †bgv†jLZ †b†`kbvmgn Uv†v†bv †v†K†e, h_v t††

†b†öZ nDb †h,-

- (K) Ab†gvm`Z mbv³KiY †j†fj h_†cvh³ †v†b †vcb Kiv nBqv†Q;
- (L) Rvjvbx msM†ni D†I†k' `Üvqgv hv†bi Ae'v nB†Z 6 †gUv†ii g†a' †Kvb agcvb Kiv nq bv Ges A†M' d†j ½ m†ó†i m†vebv bvb;
- (M) hvbU n†Pv†jZ †eK (hand brake) `pfv†e c†qvM Kiv Av†Q;
- (N) †gvUihv†b B†††bi cRjb (ignition) †e'`†ZK e'e'v Ges mU††qf †hvMv†hvM mi†Ävgmn †ezvi eÜ Kiv nBqv†Q;
- (O) †gvUihv†b †vcZ †m†jÜv†i chveE cixyY †gqv†`i g†a' Av†Q Ges cixyY c†x†Z †e†aex †eavb Abmv†i m†ú†b Kiv nBqv†Q Ges †mBg†g c†i`kb cZ'qb MnY Kiv nBqv†Q;
- (P) hvbUi GjicR mi†Ävgm`†Z †Kvb †Q` bvb; Ges
- (Q) Rvjvbx ms†hvM D†Eg Ae'vq Av†Q Ges Dnv†i †Wm†cY†vi †djvi bR†ji mn†Z mv†Äm'cY|

†eia 112| fZKiY c†x†Z|- †gvUihv†b msh³ Rvjvbx av†Ycv†† Rvjvbx fZKi†Yi mgq †bge†YZ c†x†Z Abm†Y Kii†Z nB†e, h_v t-

- (K) †gvUihv†bi Rvjvbx mieiv†ni ms†hvM †j nB†Z ggjv c†Z†ivaKvix †Q†c Acmv†Y Kii†Z nB†e;
- (L) Rvjvbx mieivn bj†U †dj c†q†U h³ Kii†Z nB†e;
- (M) fZKiY Kv†h†g Pj†Kv†j †gvUihv†U †ó†i A†Mv††i ivLv hv††e bv;
- (N) gR` Av†i nB†Z †gvUihv†bi †m†jÜv†i GjicR mieiv†ni mgq †id†qv†s fvj†f Av†† Av†† L†j†Z nB†e; Ges fZKiY av†v †M'v†mi `Z Zvcgv††v nm †ivaK††i GjicR ax†i ax†i †gvUihv†b mieivn Kii†Z nB†e;
- (O) fZKiY mgv† nB†j †id†qv†s fvj†f eÜ Kii†Z nB†e;
- (P) fZKiY b†ji AMfvM †`qv †bMZ M'v†mi c†igvY hv†v†Z h_v†m†e m†bg chv†q †v†K †mB D†I†k' fZKiY bj mZKZ†i mn†Z †e'†Qb Kii†Z nB†e; Ges
- (Q) †nvm cvBc†U †Wm†cbmv†i h_v†v†b iv†L†Z nB†e|

†eia 113| Rvjvbx fZKZ hvbU ch†eyY|- †Kvb hvb Rvjvbx fZ`j nB†Z P†jqv hv†qv†i c†e g†bv†hvM mnKv†i Dnv ch†eyY Kii†Z nB†e, hv†v†Z †æ†UcY fZKiY A\_ev †æ†UcY ms†hvM mi†Ävgm` Acmv††Y†i Kvi†Y hvbU†Z A_ev †Wm†c†Ys c†q†U †Kvb †Q` bv †v†K|

†eia 114| GjicR †÷k†bi †bivcE†v †i†y†v†eyY|- (1) GjicR †÷k†bi mi†Ävgm` †hšcvZ m†fv†e i†y†v†eyY †m††q iv†L†Z nB†e|

(2) GjicR †id†qv†s †÷k†bi c†iPv†jK †bqv†Z†v†e †bgv†jLZ †bivcE†v cixyY †ch†eyY Ges Rix†ci e'e'v MnY Kii†eb t

(L) ~~we~~a 116 ~~Abm~~v~~t~~i ~~w~~i~~d~~t~~g~~w~~j~~s ~~t~~÷~~k~~b ~~R~~i~~x~~c ~~K~~w~~i~~t~~Z~~ ~~n~~B~~t~~e|

(3) GjicR idqjs †÷k†bi †Kvb KgPvix KZK D³ †÷k†bi S†KcY hšcwZ ev miÄvg A_ev cii-IZ `ló:MvPi nB†j †Zib Dnv GjicR ciiPvjK†K Anej†A AeinZ Kvi†eb|

(4) Dch³ ms^{-v} e⁻Z_XZ[†]Kvb hšc_{vll}Zi m_Xj f_{v1/2v} ev cbt m_XjKiY Ki_v hvB_±e bv

weia 115| hšcwZi | miÄvgv`i chteÿY | cixÿY|- (1) äagw Dch<sup>3</sup> cikÿY cß e`³MYB iidiqjß †÷kßbi
hšcwZ | miÄvgv`i chteÿY | cixÿYKv†j c†qRbxq wbiçEß msµß ms`v†i i`wiq†Z_wKteb|

(2) dig-U Abmv₁i miÄvgw₁` ci₁xyYKv₁j bb[~]Zg ch₁e₁yY I ci₁xy₁Yi e₁e⁻v Kw₁i₁Z nB₁eI

(3) chveĖ chteÿY | ciŕYKv†j mbv³KZ †Kvb îæU hZ kxN mæe †Kvb cŕkÿYcvß e³ KZK mstkvab Kri†Z
nB†e |

¶eia 116| ¶ivcËv ¶elqK ewIK Rixc|- (1) ¶eia 114(2) Gi ¶earb Abmv¶i GjicIR id¶qis †÷k¶bi ¶ivcËv ¶elqK ewIK Rixc Kv¶ †Kvb †hvM'' e''³ KZK mæúv`b Kvii†Z nB¶e|

(2) ɯbɪvcĚv mspuš ewIK Rixc mǝuɯ`Z Ab`vb` chɛyY I ciɣɥi AɪZi³ cɪciK ɯɯmvɛ ɛɛɛPbv KɪɪZ
nBɛ|

(3) w b i v c Ě v m s u v š e w I K R i x t c K g c t y w b g e w Y Z t y Ĩ m q n A š f ³ w K t e.

(K) cɛZ'KɪU cɛɛú M'vm wɪvcĖv msɪkɔ́o †mɔɪU Ges mvUWvDb
wɪfvBm cɪxÿY I chɛÿY;

(L) mKj GjwR Avav†ii wijd fvj†fi K'wj†ekb l wimwjs cixY ;

(M) gR` M"vmvav i ei wmwjûv:ii c#hvR" tÿ:î w wjd fvj#fi K"vñj#ekb l wmwj s cixY;

(N) Riæi_x m_vUW_vDb miÄ_vg_vW`i KvhygZ_v ci_xy_y; Ges

(0) K^{vm} KW gR^v Mⁱ gR^{KZ} j^U i mgn ¹ eia Abmⁱ ci xY Ki v nBq^Q Kbv Z^{vn} ch^{ey} Y

(4) $\text{w}^{\text{bivc}}\text{E}^{\text{v}} \text{w}^{\text{elqK}} \text{e}^{\text{wIK}} \text{R}^{\text{ixc}} \text{K}^{\text{v}}\text{j} \text{c}^{\text{v}}\text{b} \hat{\text{I}}^{\text{a}}\text{w}^{\text{mgn}} \text{t}^{\text{Kvb}} \text{t}^{\text{hW}} \text{e}^{\text{v}}{}^3 \text{KZK} \text{m}^{\text{st}}\text{krab} \text{K}^{\text{ii}}\text{z} \text{n}^{\text{B}}\text{t}^{\text{e}}$

wela 117| GjɨcɪR t÷kʰbi ciṽkb|-(1) tKvb GjɨcɪR t÷kʰbi hšcwZ Ges miÄgw`i wivcĖv I wivc`
ciPvjbv eltq cZ`qtYi jtỵː t÷kʰbi gwjK ev ciPvjK wiðZ Kriẗeb th, D³ t÷kbu Ab`b 2 ermi Aši GKevi tKvb
thwM eñ³ KZK ciṽkb Ki v nBqvQ Ges GBic c_g ciṽkb GB weagvjy KihKi nBevi 1 ermȳii gta maw`b Križz
nBiēl

(2) GB 11e1ai Dc-11e1a(1) Abmv†i †Kvb †hvM' e''³ KZK cri`kb mǎúb Kiv nB†j 11Zib dig-V Abhvqx GK1U
mb`cÎ Rvix Kri†eb|

(3) cii`kʔbi mɣq cii`kbKviX dig-W †Z eŋYZ cii`kb †PK-||j ÷ AbhiqX weeiYX ||jicex Kviːteb|

№118| jMeK-| (1) GB cii"Qž`i №avb Abmži GjicR ciiPjK c½žY me`v GKU nvjbMv` jMeK msijY Kiižeb|

(2) mgžqi µg Abmži bgiLZ KvhejX Ges Nubmgn jMeK jiceX KiižZ nBže, h_vt-

- (K) mKj SIKcY hšcwZ, miÄvgv` Ges cii`Zi #eeiY;
- (L) GB #eagvjvi #eia 114 nBžZ #eia 116 Gi #eavbmgN Abmži m#úv`Z chžejY Ges MnxZ Rižci #eeiY;
- (M) GB #eagvjvi #eia 117 Abmži m#úv`Z cii`kžb `ó #elžq #eeiY;
- (N) #eia 115 nBžZ 117 Gi #eavbejX Abmži mškv#az î#Umgžni #eeiY;
- (O) A#K Pic ciZživaK e`vq AcZ`vkZ NubvejX;
- (P) GjicR `vcbvq žKvb hšcwZ #eKj nIqv mšµvš NubvejX;
- (Q) #bivcËv #bžžKiY Ges #bqšY žKškžji mxj fv½vi hvezq NubvejX|

(3) GjicR idžqjs ž÷kžb Kv# m#ú`vb I žgigZKviX e`v³ Zvni ciiPqmn MnxZ Kv#`i #eeiY jMeK jiceX Kiižeb|

№119| SIKcY ev #ec¾bK GjicR mieivn ž÷kb|-(1) GjicR ciiPjK žKvb SIKcY ev #ec¾bK GjicR ž÷kb nBžZ GjicR mieivn Kiižeb bv|

- (2) bgiLZ cii`ZžZ, GjicR ž÷kb SIKcY ev #ec¾bK nBžZ cžži, h_vt-
- (K) #eia 117 Abmži žKvb Rvjbx mieivn ž÷kb cii`kb KivBqv jBžZ e` nIqv; ev
 - (L) #eKj ev SIKcY miÄvgv` ev hšcwZi AbeiZ e`envi; ev
 - (M) mxj#enxb #bivcËv ev #bqšY hšw`|

№120| Ri#ix ciiKíbv Ges c#Z|-(1) GjicR idžqjs ž÷kžbi ciiPjK GKU Ri#ix Kv# ciiKíbv msijY Kiižeb hvnžZ Dnv bgiLZ Ae`vq ev`eqb Kiv hvq t-

- (K) M`vžmi mieivn nvm ev #eNZ nBžj;
- (L) M`vžmi #eikó` gvb#žZ bv nBžj;
- (M) A#Zi³ ev #bggîvq M`vm MÜh³ nBžj;
- (N) GjicR miÄvgv` ev hšcwZžZ eo aižYi î#U ž`Lv #`žj;
- (O) `Nubv ev Ab` žKvb Ri#ix Ae`v hvn GjicR ž÷kžbi minZ RioZ ev RioZ nIqv Avk¾v `vKžj;
- (P) m#aviY Ri#ix Ae`v ž`Lv #`žj; Ges
- (Q) GjicR mieivn ž÷kžbi Ae`vb ev e`envi nBžZ mó Ab` žKvb #ec` ž`Lv #`žj|

(2) ciiPjb mšµvš Ri#ix ciiKíbv bgiLZ #elqvejX Ašf³ nBže, h_vt-

- (K) Ri#ix Ae`vi m#ó nBžj Dch³ ižYvžejY Ges ciiPjb KgPviž`ižK Zvniž`i `vqZ mgžÜ AeNZKiY; Ges
- (L) dvqi m#fm, cijk, M`vm mieivnKviX m#vmn Dch³ KZcý ev m#vi minZ žhvMžhM `vcb; Ges
- (M) GjicR miÄvgv` I hšcwZ Ges Kjk# c\_K i#Levi Ges Ri#ix Ae`v žgvKvžejvi jžY` #e`viZ c#Z|

№121| KgPviž`i cikY|-(1) GjicR idžqjs ž÷kžbi ciiPjK GB gžg #bžž Kiižeb žh mKj ižYvžejY I ciiPjb Kvžhi Rb` žh Kv# c#Z ž÷kžb #e`gvb AvžQ Zvni D³ GjicR ž÷kžbi mKj KgPviX KZK AbmZ nBže|

(2) Kvhc#žZž m#ve` #ec` #P#žZ Kiv Ges Dni Dch³ #bivžqi e`v `vKže|

veia 126| GjicR MnY|- (1) tKvb eûZj feþb þiUKþjþUW GjicR mþ÷g Pvj Krievi cte biveQb I
`xN`vqx fvtþe GjicR cwiþ bþðZ KriþZ nBþe|

(2) GjicR gR` `Bfvtþe Kiv hvBþe| h_y U`v% (Bulk Storage) Ges „Q mmiþjûvi (Manifold Cylinders).

veia 127| U`v% `vcb cxiZ|- (1) U`vsþK gRþ` i þÿþÎ Zbfvtþe U`vsK `vcb Kiv hvBþe:

(K) f- Dcþiv` (above ground);

(L) f-Mf` (under ground);

(M) Aa f-Mf` (Semi Burried);

(N) Xie (f-Dci` KŠ ewjþiv AveZ) cxiZ (Mounded)

Zþe 10000 jUvi Gi Dþx GjicR gRþ` i þÿþÎ f-Mf` U`vsK ev Xie (Mounded) cxiZþK AMwaKvi
i`þZ nBþe|

(2) U`vsK `vcþbi fE: f-Dci` U`vsK `vcþbi þÿþÎ k³ fEi Dci Ges f-Mf` ev Aa f-Mf` ev Xie cxiZþZ
U`vsK `vcþbi þÿþÎ KsmxU cþUi Dci `vcb KriþZ nBþe| cþUi I U`vsþKi ga`Z dKv `vb ciiþvi ewjþiv fiZ KriþZ
nBþe|

veia 128| gR` U`vsK/mmiþjûvi „Q `vcþbi `vb bvePb|-(1) GjicR gR` `vcþiq chvþ evq PjþPj KriþZ cþi Ggb
f-Dcþiv` (Ground level) þjþþj gj feþbi ewnþi `vicZ nBþZ nBþe;

(2) U`v% ev mmiþjûvi „Q tKvb emZ ewoi fZi, veis Gi teBmþgU, tKvb Mfxi bvþv ev Ab` tKvb bþP `vþbi bKþU
þhLþb Q` nBþZ btmZ GjicR evZþm igjþv hvBþZ evaM` nq Ggb `vþb `vcb Kiv hvBþe bv ;

(3) `vcþvi Pwi`þK Kgcþÿ 1 igUvi ckš RvqMv cKv KriþZ nBþe Ges cKv Asþki ewnþi i`þK Kgcþÿ 2 igUvi
cigvY RvqMv eÿ, „jþ I jþv Nvm g³ iVLþZ nBþe;

(4) cb:fZKiþYi Rb` AvMZ Mvox hvvþZ mnþR U`v% ev mmiþjûvi „þQi KvþQ hvZvqþZ KriþZ cþi Ges Riæix gnþZ
Ambevcþbi hvbevb hvZvqþZ KriþZ cþi Ggb c_`vKþZ nBþe;

(5) U`vsþKi Pwiþvþk bþþ DþjþLZ biveE` `iz eRvq iVLv Arek`K:

(K) GjicR veigvþv 2004 Abmþi f-Dci` U`vþ% i þÿþÎ Aba 2000 jUvi Rj avYygZvmþúb U`vsþKi
Rb` 4igUvi Ges Aba 20,000 jUþi Rb` 10 igUvi;

(L) NFPA 58 þKvW Abhvqx f-Dci`, f-Mf` I Aa f-Mf` U`vsþK bveþkþl 9000 jUvi chš Rj
avY ygZvmþúb U`vsþKi Rb` 3 igUvi|

(6) f-Mf` U`v% I mmiþjûvi „Q `vcþbi þÿþÎ gR` `vcþv/gR`vMþi cþqvRbxq RvqMvi cigvY h_vþtg bþþi
mviYþZ c`vb Kiv nþjv:

(K) U`vsþKi þÿþÎ-

GjicR gRþ` i cigvY	`vcþvi Rb` cþqvRbxq `vþi cigvY
(Ub)	igUvi × igUvi
4	13 × 12
6	14 × 12
8	15 × 12
----- BZ`v`	----- BZ`v`

CODE OF CONSTRUCTION		DOT 4 BA, BS 5045 part-2 IS 3196 Part-1. AS 2469, AS 2470, ISO4706, ASNZ3509, DOT 4BW, AS/NZ-3509.
DESIGN PRESSURE		17.5 kg/cm (g)
RADIOGRAPHY		100%
HEAT TREATMENT		Yes
COATING		40 Microns with Zinc galvanizing and 40 microns with powder coating.

(2) $\text{f} \text{UK} \text{f} \text{UW} \text{GjicR} \text{m} \text{f} \text{g} \text{f} \text{cviBRvi}, \text{Dnvi} \text{Avbm} \text{h} \text{K} \text{h} \text{scwZ}, \text{mKi} \text{ai} \text{Yi} \text{fvj}, \text{Pvc} \text{wbqSY} \text{h} \text{svsk}, \text{igUwis} \text{WfVbmmn} \text{mKj} \text{c} \text{iiPvj} \text{b} \text{h} \text{scwZ} \text{carb} \text{e} \text{t} \text{UviK} \text{c} \text{ii} \text{`kK} \text{KZK} \text{Ab} \text{g} \text{w} \text{Z} \text{ev} \text{A} \text{SRv} \text{ZKf} \text{v} \text{e} \text{XKZ} \text{ai} \text{Yi} \text{nB} \text{Z} \text{nB} \text{e} \text{I}$

(3) $\text{GjicR} \text{e} \text{e} \text{agvjv}, 2004 \text{G} \text{D} \text{ij} \text{LZ} \text{e} \text{e} \text{a} \text{e} \text{av} \text{bi} \text{Achv} \text{BZvi} \text{t} \text{y} \text{f} \text{I} \text{cavb} \text{e} \text{t} \text{UviK} \text{c} \text{ii} \text{`kK}, \text{e} \text{isj} \text{v} \text{t} \text{`k} \text{KZK} \text{Ab} \text{g} \text{w} \text{Z} \text{th} \text{tKvb} \text{A} \text{SRv} \text{ZK} \text{tKw}, \text{AvBb}, \text{e} \text{e} \text{agvjv}, \text{v} \text{U} \text{W} \text{ev} \text{t} \text{UK} \text{f} \text{UW} \text{m} \text{f} \text{g} \text{f} \text{Rb} \text{AbmZ} \text{bx} \text{Zg} \text{vjv} \text{AbmiY} \text{Kiv} \text{h} \text{vB} \text{e} \text{I}$
 $\text{e} \text{e} \text{a} 131 \text{U} \text{v} \text{v} \text{ev} \text{m} \text{mj} \text{U} \text{v} \text{f} \text{ii} \text{yq} \text{f} \text{iva} \text{e} \text{e} \text{v} \text{I} - \text{g} \text{iiPvi} \text{Kvi} \text{Y} \text{U} \text{v} \text{v} \text{ev} \text{m} \text{mj} \text{U} \text{vi} \text{,} \text{Q} \text{ev} \text{Abm} \text{v} \text{h} \text{K} \text{h} \text{scwZ} \text{yq} \text{nBq} \text{gR} \text{e} \text{e} \text{v} \text{f} \text{K} \text{e} \text{c} \text{f} \text{bK} \text{Ae} \text{vq} \text{t} \text{d} \text{ij} \text{Z} \text{bv} \text{c} \text{v} \text{f} \text{f} \text{t} \text{mBRb} \text{h} \text{v} \text{h} \text{yq} \text{f} \text{ivax} \text{e} \text{e} \text{v} \text{v} \text{K} \text{Z} \text{nB} \text{e} \text{I} \text{f-Mf} \text{U} \text{v} \text{v} \text{Gi} \text{t} \text{y} \text{f} \text{I} \text{yq} \text{f} \text{iv} \text{ai} \text{R} \text{b} \text{tK} \text{v} \text{WK} \text{iyv} \text{e} \text{e} \text{v} \text{v} \text{K} \text{Z} \text{nB} \text{e} \text{I}$

$\text{e} \text{e} \text{a} 132 \text{e} \text{e} \text{v} \text{ZK} \text{I} \text{v} \text{e} \text{e} \text{r} \text{nB} \text{Z} \text{m} \text{o} \text{e} \text{c} \text{f} \text{v} \text{mZKZv} \text{U} \text{v} \text{v} \text{I} \text{m} \text{mj} \text{U} \text{vi} \text{,} \text{Q} \text{GjvKvq} \text{Av} \text{M} \text{b} \text{f} \text{ivax} \text{ev} \text{e} \text{t} \text{UviK} \text{nb} \text{f} \text{iva} \text{h} \text{scwZ} \text{e} \text{envi} \text{K} \text{ii} \text{Z} \text{nB} \text{e} \text{Ges} \text{U} \text{v} \text{v} \text{I} \text{m} \text{mj} \text{U} \text{vi} \text{,} \text{Q} \text{Av} \text{s} \text{e} \text{e} \text{v} \text{v} \text{K} \text{Z} \text{nB} \text{e} \text{I} \text{U} \text{v} \text{v} \text{ev} \text{m} \text{mj} \text{U} \text{vi} \text{,} \text{Q} \text{ii} \text{mivmi} \text{Dci} \text{v} \text{q} \text{(Overhead)} \text{Ges} \text{c} \text{rimxgi} 1.5 \text{igUvi} \text{Gi} \text{fZi} \text{v} \text{q} \text{tKvb} \text{e} \text{e} \text{v} \text{ZK} \text{Zi} \text{v} \text{c} \text{Z} \text{nB} \text{Z} \text{c} \text{v} \text{f} \text{e} \text{bv} \text{I}$

$\text{e} \text{e} \text{a} 133 \text{,} \text{Q} \text{m} \text{mj} \text{U} \text{v} \text{f} \text{ii} \text{gR} \text{Kv} \text{h} \text{m} \text{g} \text{I} - (1) \text{,} \text{Q} \text{m} \text{mj} \text{U} \text{vi} \text{c} \text{x} \text{Z} \text{Z} \text{GjicR} \text{gR} \text{v} \text{t} \text{y} \text{f} \text{I} \text{mgmsL} \text{K} \text{m} \text{mj} \text{U} \text{vi} \text{m} \text{mj} \text{Z} \text{B} \text{U} \text{m} \text{mj} \text{U} \text{vi} \text{,} \text{Q} \text{v} \text{K} \text{f} \text{e}, \text{GKiU} \text{m} \text{m} \text{uq} \text{(Active)} \text{Ges} \text{Ab} \text{v} \text{U} \text{A} \text{c} \text{y} \text{g} \text{vb} \text{(Standby)} \text{c} \text{f} \text{Z} \text{K} \text{,} \text{Q} \text{ii} \text{m} \text{mj} \text{U} \text{vi} \text{,} \text{ij} \text{c} \text{i} \text{u} \text{i} \text{Av} \text{Stms} \text{t} \text{h} \text{vM} \text{Ae} \text{vq} \text{v} \text{K} \text{f} \text{e} \text{I} \text{GB} \text{gR} \text{e} \text{e} \text{vq} \text{Ggb} \text{GKiU} \text{WfVbM} \text{(Auto changeover regulator)} \text{msh} \text{v} \text{K} \text{Z} \text{nB} \text{e} \text{h} \text{v} \text{v} \text{Z} \text{A} \text{c} \text{y} \text{g} \text{vb} \text{,} \text{Q} \text{iiU} \text{mPj} \text{nq} \text{c} \text{ieZ} \text{Z} \text{m} \text{v} \text{fm} \text{t} \text{c} \text{v} \text{f} \text{v} \text{B} \text{v} \text{v} \text{KZK} \text{v} \text{b} \text{t} \text{kl} \text{,} \text{Q} \text{ii} \text{m} \text{mj} \text{U} \text{vi} \text{,} \text{ij} \text{Ac} \text{m} \text{v} \text{Y} \text{K} \text{iiq} \text{f} \text{Z} \text{m} \text{mj} \text{U} \text{vi} \text{c} \text{b} \text{t} \text{v} \text{cb} \text{K} \text{ii} \text{f} \text{eb} \text{I}$

(2) $\text{m} \text{mj} \text{U} \text{vi} \text{,} \text{Q} \text{v} \text{c} \text{f} \text{bi} \text{Rb} \text{v} \text{b} \text{mj} \text{LZ} \text{e} \text{e} \text{Iq} \text{,} \text{ij} \text{e} \text{e} \text{P} \text{bvq} \text{v} \text{b} \text{Z} \text{nB} \text{e} \text{h} \text{:-}$

(K) $\text{m} \text{mj} \text{U} \text{vi} \text{,} \text{Q} \text{Gi} \text{e} \text{v} \text{U} \text{f} \text{ji} \text{tKvb} \text{m} \text{mj} \text{U} \text{v} \text{f} \text{ii} \text{RjaviY} \text{ygZv} 125 \text{ijUvi} \text{Gi} \text{tek} \text{nB} \text{Z} \text{c} \text{v} \text{f} \text{e} \text{bv}$;

(L) $2 \text{U} \text{,} \text{Q} \text{Gi} \text{Av} \text{st} \text{v} \text{Z} 1000 \text{tK} \text{R} \text{ch} \text{S} 3 \text{igUvi}, 4000 \text{tK} \text{R} \text{ch} \text{S} 5 \text{igUvi}, 8000 \text{tK} \text{R} \text{ch} \text{S} 7 \text{igUvi}, 12000 \text{tK} \text{R} \text{ch} \text{S} 9 \text{igUvi} \text{Ges} 12000 \text{tK} \text{R} \text{i} \text{D} \text{a} \text{v} 10 \text{igUvi} \text{nB} \text{Z} \text{nB} \text{e} \text{I} \text{Z} \text{e} \text{FRR} (2\text{H}2\text{M}) \text{t} \text{I} \text{qv} \text{nB} \text{f} \text{D} \text{v} \text{v} \text{Z} 3 \text{igUvi} \text{Kiv} \text{h} \text{vB} \text{e} \text{I} \text{Z} \text{e} \text{m} \text{mj} \text{U} \text{vi} \text{,} \text{Q} \text{ii} \text{A} \text{S} \text{f} \text{v} \text{c} \text{f} \text{Z} \text{K} \text{U} \text{m} \text{mj} \text{U} \text{v} \text{f} \text{ii} \text{aviY} \text{ygZv} 125 \text{ijUvi} \text{Gi} \text{tek} \text{nB} \text{Z} \text{c} \text{v} \text{f} \text{e} \text{bv}$;

(M) $\text{c} \text{v} \text{f} \text{Y} \text{ms} \text{ik} \text{o} \text{b} \text{t} \text{n} \text{Ggb} \text{tKvb} \text{t} \text{jk} \text{c} \text{tek} \text{K} \text{ii} \text{Z} \text{bv} \text{c} \text{v} \text{f} \text{f} \text{mB} \text{Rb} \text{Z} \text{vjv} \text{t} \text{I} \text{qv} \text{Dch} \text{v} \text{Nivi} \text{e} \text{e} \text{v} \text{K} \text{ii} \text{Z} \text{nB} \text{e}$;

(N) $\text{v} \text{c} \text{Ze} \text{f} \text{e} \text{f} \text{bi} \text{v} \text{Rv}, \text{R} \text{v} \text{bv} \text{vjv} \text{ev} \text{t} \text{f} \text{U} \text{f} \text{U} \text{v} \text{v} \text{v} \text{ij} \text{d} \text{fvj} \text{nB} \text{Z} \text{Kgc} \text{f} \text{y} 1 \text{igUvi} \text{v} \text{v} \text{v} \text{cb} \text{K} \text{ii} \text{Z} \text{nB} \text{e}$;

(O) $\text{GK} \text{ev} \text{GK} \text{v} \text{aK} \text{m} \text{mj} \text{U} \text{vi} \text{R} \text{v} \text{bv} \text{vjv} \text{Kv} \text{f} \text{Q} \text{v} \text{cb} \text{K} \text{ii} \text{Z} \text{nB} \text{f} \text{R} \text{v} \text{bv} \text{vjv} \text{v} \text{b} \text{c} \text{v} \text{S} \text{nB} \text{Z} 15 \text{tm} \text{ig} \text{v} \text{f} \text{ii} \text{m} \text{mj} \text{U} \text{v} \text{f} \text{ii} \text{fvj} \text{Gi} \text{Ae} \text{v} \text{b} \text{nB} \text{Z} \text{nB} \text{e}$;

(P) $\text{Av} \text{f} \text{bi} \text{Drm}, \text{v} \text{v} \text{Z} \text{ij} \text{Gi} \text{gR} \text{ev} \text{Ab} \text{tKvb} \text{v} \text{v} \text{c} \text{v} \text{nB} \text{Z} 5 \text{igUvi} \text{v} \text{f} \text{ii} \text{m} \text{mj} \text{U} \text{vi} \text{v} \text{v} \text{L} \text{Z} \text{nB} \text{e} \text{I} \text{FRR} (2\text{H}2\text{MM}) \text{c} \text{f} \text{q} \text{M} \text{K} \text{ii} \text{f} \text{v} \text{Z} 3 \text{igUvi} \text{Kiv} \text{h} \text{vB} \text{e}$;

(Q) $\text{e} \text{v} \text{v} \text{K} \text{Av} \text{f} \text{bi} \text{Drm}, \text{h} \text{v} \text{S} \text{K} \text{t} \text{f} \text{U} \text{e} \text{e} \text{v} \text{ev} \text{m} \text{iv} \text{m} \text{v} \text{t} \text{f} \text{U} \text{e} \text{e} \text{v} \text{nB} \text{Z} \text{Kgc} \text{f} \text{y} 1.5 \text{igUvi} \text{v} \text{v} \text{v} \text{cb} \text{K} \text{ii} \text{Z} \text{nB} \text{e}$;

$\text{I} \text{e} \text{v} \text{is} \text{e} \text{v} \text{D} \text{U} \text{v} \text{ixi} \text{f} \text{Z} \text{f} \text{ie} \text{t} \text{kl} \text{f} \text{v} \text{e} \text{Z} \text{ix} \text{K} \text{f} \text{y} \text{GB} \text{Ab} \text{v} \text{Q} \text{f} \text{D} \text{ij} \text{LZ} \text{v} \text{b} \text{iv} \text{c} \text{Ev} \text{e} \text{e} \text{v} \text{c} \text{f} \text{q} \text{M} \text{K} \text{ii} \text{qv} \text{m} \text{mj} \text{U} \text{vi} \text{,} \text{Q} \text{v} \text{cb} \text{Kiv} \text{h} \text{vB} \text{e} \text{I} \text{D} \text{v} \text{c} \text{x} \text{Z} \text{Z} \text{e} \text{ni} \text{v} \text{Y} \text{gR} \text{v} \text{m} \text{v} \text{f} \text{e} \text{MY} \text{Kiv} \text{h} \text{vB} \text{e} \text{I} \text{GB} \text{t} \text{y} \text{f} \text{I} \text{e} \text{ni} \text{v} \text{Y} \text{gR} \text{e} \text{e} \text{v} \text{v} \text{Rb} \text{c} \text{f} \text{h} \text{v} \text{R} \text{v} \text{b} \text{iv} \text{c} \text{Ev} \text{v} \text{Z} \text{I} \text{v} \text{b} \text{iv} \text{c} \text{Ev} \text{e} \text{e} \text{v} \text{e} \text{R} \text{vq} \text{v} \text{v} \text{L} \text{Z} \text{nB} \text{e}$;

- (1) GBiç Kÿçv#ki feb nBtZ FRR (2H2MM) Øviv c_KxKZ nBtZ nte| GBiç FRR t`lqv#ji tKvb Ask hvntZ feþbi w`tK Dbt³ bv_vtK;
- (2) KÿUi tçS gmb nBtZ nBte| wmwjÛvi bvoVProvi mgq úvK mro KiiZ cvti Ggb LmLtm nBte bv;
- (3) KÿUi 1.5 ugUvi c`iRv\_wKte hvnt feþbi ecixZ w`tK nBte Ges ewntii w`tK Lwjte|
- (S) tiUKtjUW wmt÷tg e`euZ mKj gvjgvj, hšisk dñUsm BZ`w`wera 115(1), (2), (3) G DñjØLZ wbt`kbv cñZcvjb mvçtý tiUKtjUW wmt÷tg vcbKvix ms_vi wBR`WRvBb Abhvqx nBtZ cviti;
- (T) „Q wmwjÛvii mvç_msh³ cñBc, dñUsm, wmwjÛvii ti,tjUi Gi mvç_msñhMKvix tñvm cñBc BZ`w`wera 115(1), (2), (3) G DñjØLZ wbt`kbv cñZcvjb mvçtý tiUKtjUW wmt÷tg vcbKvix ms\_vi wBR`WRvBb Abhvqx nBtZ cviti;
- (U) cñZ`KñU wmwjÛvi l cavb cñBc Gi mvç\_msñhMKvix tñvm cñBc l Dñvi msñhM`j mntR chteýY Kiv hvq GB iç chvß RvqMv_vtKZ nBte;
- (V) wmwjÛvii mvç_msñhMKvix tñvm cñBcmgn GjñcñR mñfñm e`envi Gi Dch³ aiþbi nBtZ nBte;
- (W) Kv÷ Avqib Ges A`vjgñbqv Øviv wñgZ tKvb dñUsm e`envi Kiv hvBte bv;
- (X) cñBics wmt÷tg tKvb boVovi mñebv AvQ Ggb hšisk ev Pjvi mvç_msñhvMi cñBc w`wZ`vck aiþbi nBtZ nBte Ges D³ cñBcmgn NIYRbZ ýq nBtZ iýv Kñivi e`e`_wKtZ nBte|

Wera 134| U`v¼ nBtZ cvBtci gñtg GjñcñR mieivn|GjñcñR cvBtci gñtg cñienYi mgq KtqKñU avç wñfb aiþYi fvj l wñvcËv wñfñBm h³ Kñivi cñqvRb nq| D³ wñfñBmgnñi mñvñh`Pvc nvmKiY l cñqvRb gñtZ mieivn eÜ Kñivi l AñZñi³ Pvc ckgb Kiv nBqv_vtK| h_v:-

- (K) c_g avc ti,tjUi: gR`e`e`\_v t`tK cvBtç cteþki gñtZ U`vsKi týtÎ Zij GjñcñR evt@ú içvñiZ Kñivi Rb`emvñbv nBqv_vtK| AZ:ci c_g avc tiMñtjUiU jvMñbv nq, hvnt M`vm Pvc 80-100 wGmAvñR nBtZ 5 wGmAvñRtZ bvgvBqv Avþb;
- (L) wZxq avc ti,tjUi: cñBics wmt÷tg tkl avç ivbv Nti cteþki cte GB ti,tjUiU jvMñtZ nBte| ti,tjUiU GjñcñR 5 wGmAvñR Pvc nBtZ 0.5 wGmAvñR Pvc bvgvBqv Avþb, hvnt Pjvi Rb`Dch³;
- (M) Pvc ckgb fvj: cñBics wmt÷tg Pvc evx cñBtj cñBc l e`envi hšcñZ iývi Rb`qñmñq Pvc ckgb fvj_wKte;
- (N) wñPvc fvj: GB fvjU cñBc dñUqv hvñqv dñj Pvc nVr Kñqv tñtj`qñmñqvte eÜ nBte;
- (O) wñQbKiY fvj: wññs Gi ewnti l gR`U`v¼ Gi wñKU Riñix gñtZ eÜ Kñivi Rb`ñtZ wñQbKiY fvj\_wKtZ nBte| D³ fvjmgnñK wññs Gi ewnti tñjv RvqMvq`vcb Kiv tñq;
- (P) tcmvi tMR: cñBtç Pvc chteýYi Rb`mñeavRbK`vñb tcmvi tMR jvMñtZ nBte;

Wera 135| f`vcñvBRvi (Vaporizer)|- U`vsK/wmwjÛvi „Q hñ` Lipuid Off Take (LOT) cñxZ mñub nq Zvñv nBtj gR`U`vsK ev wmwjÛvi „Q Gi ci vaporizer`vcb KñiZ nBte| ZvñvQvov hñ`AZ`š VñUv Avenñqv (10 tñmUt) Gi týtÎ ev GjñcñR evt@ú e`envii cñigvYi nvi Dñvi evt@úfeþbi nvtii PñtZ tekñ nq tñBýtÎ vaporizer`vcb KñiZ nBte|

Wera 136| „Q wmwjÛvi e`e`_vq mieivn cvBtç GjñcñR M`ññmi Pvc wñqšY l wñvcËv e`e`\_v|-(1) wmwjÛvi K`vmñKW t`tK Pjv chš cñienY Kñivi týtÎ wñvcËvi wñqvU wñtePvñceK cvBtci gñtg cñienYi mgq KtqKñU avç wñfb aiþYi fvj l wñvcËv wñfñBm h³ KñiZ nBte| D³ wñfñBmgnñi mñvñh`Pvc nvmKiY l cñqvRb gñtZ mieivn eÜ Kñivi l AñZñi³ Pvc ckgb Kñivi e`e`_v_wKtZ nBte| h_v:-

(2) AñUñPñRl fñi ti,tjUi (Auto-Changeover Regulator): GB chñq M`vm mieivn Drm`qñmñqvte eÜ nBte; Lñj wmwjÛvi „Q nBtZ Añçyñb gR`„Q`vñšñi (switching) KñiZ ZvñvQvov GB chñq c_g avc (First stage) Pvc ckgb nBqv 80-100 wGmAvñR nBtZ 16-18 wGmAvñRtZ bñgqv Avñbte| Zñe AñUñPñRl fñi ti,tjUi (Auto-Changeover Regulator) Gi tñj mñaviY tñPñRl fñi mñm (Changeover-Switch) Ges tcmvi ti,tjUi (Pressure Regulator) GKB mvç_A`ev Avjv`vñte`vcb Kiv hvBte|

(3) D³PPvc **ibivax fvj** (Over pressure shut-off valve): GB chvq 16 **icGmAvBIR-⁺Z** th KvHPvc **ibaviz** **—v⁺K Zvni AiZi³ Pvc cBc jvB⁺b m⁺AwjZ nB⁺j D³ fvj f⁺—qsm⁺qfv⁺e eÜ nBqv hvB⁺e** | ZvniQvov **WZxq avc Pvc ckgb** **ti, ⁺jUi** **nmv⁺e M⁺v⁺mi KvHPvc 16-18 nB⁺Z 5 icGmAvBIR-⁺Z bmgqv Awb⁺e** |

(4) **ib⁺avx fvj** (Under pressure shut-off valve): GB fvjU **ZZxq avc Pvc ckgb ti, ⁺jUi** **nmv⁺e M⁺v⁺m igUv⁺ii Av⁺M⁺ —vcb Kii⁺Z nB⁺e** | GB chvq M⁺v⁺m PvcK 5 **icGmAvBIR nB⁺Z Pvc ckgb Kii⁺qv 0.5 icGmAvBIR-⁺Z** **bvgvBqv Awb⁺e** | ZvniQvov **†Kvb i⁺awUi Kv⁺i⁺Y (†hgb-cvBc d⁺vuQv †M⁺j ev W⁺Q⁺ nBqv †M⁺j) cBc jvB⁺b M⁺v⁺mi Pvc 0.5 icGmAvBIR Gi **ib⁺P bmgqv †M⁺j Dnv —qsm⁺qfv⁺e eÜ nBqv cvB⁺c M⁺v⁺m mieivn eÜ Kii⁺e** |**

(5) **ie⁺QbKiY fvj** (Emergency shut-off Valve) :- **ie⁺is Gi ewn⁺i I gr⁺ U⁺v⁺% Gi **ibKU Ri⁺ix gû⁺Z** eÜ Kii⁺ev Rb⁺ nv⁺Z **ie⁺QbKiY fvj —vK⁺Z nB⁺e** |**

(6) **AvB⁺mv⁺jkb mvUAd fvj** (Isolation shut-off Valve):- **AvB⁺mv⁺jkb mvUAd fvj cBc jvB⁺bi **ie⁺fb** —v⁺b —vcb Kii⁺Z nB⁺e** | **†hgb-Pjvi Av⁺M⁺, igUv⁺ii Av⁺M⁺, ti, ⁺jUi Gi Av⁺M⁺, i⁺BRvi Gi —v⁺b, ev cBc jvB⁺bi i⁺ix⁺Z Ges Ri⁺ix †ging⁺Zi c⁺qvRb nq Ggb —v⁺b;**

(7) **†cmvi †MR:- cvB⁺c Pvc ch⁺eyM⁺Yi Rb⁺ m⁺ieavRbK —v⁺b †cmvi †MR jvMvB⁺Z nB⁺e;**
ie⁺a 137 | cBc **ibevPb | h⁺—v:-**

(1) **B⁺—v⁺Zi ASTM A106 ev API5L Grade-B**

(2) **Zvgvi- EN 1057**

(3) **cij Bi⁺—v⁺b cBc-ASTM D2513 ev ISO 4437**

D³P I ga⁺Nb⁺Zi cij Bi⁺—v⁺b (ictBt) cBc 60 icGmAvBIR P⁺†ci b⁺x⁺P c⁺ient⁺Yi †y⁺† e⁺envi Kiv hvB⁺e | **†Rvov⁺enxb Zvgvi cBc 20 icGmAvBIR P⁺†ci b⁺x⁺Pi †y⁺† e⁺envi Kiv hvB⁺e** | ZvniQvov **Kv÷ Avqib ev A⁺v⁺jigibqv cBc GB⁺†y⁺† e⁺envi Kiv hvB⁺e bv** |

ie⁺a 138 | KvHPvc |— cBc M⁺v⁺m c⁺ienY e⁺e⁺vq e⁺eüZ cBc I Ab⁺v⁺b⁺ hšcwZ/DcKiY Ggb nB⁺Z nB⁺e hvn⁺Z cvB⁺ci Af⁺šixY Pvc I ewn⁺K AvNvZ mn⁺bi ygZv i⁺v⁺L | GB e⁺e⁺ Aek⁺B ijKc⁺ad nB⁺Z nB⁺e hvn⁺Z —vn⁺ ev **ie⁺†üviY NvB⁺Z mýg **M⁺v⁺m **ibMZ bv nq | S⁺ik Gov⁺bvi Rb⁺ **ie⁺is Gi **fZi —v⁺cZ cvB⁺ci Pvc 5 icGmAvBIR Gi g⁺a⁺ i⁺v⁺Lv c⁺qvRb | Z⁺e S⁺ijvBKZ** **cBc ev **ibMZ nB⁺ev m⁺†hvM bvB Ggbfv⁺e —v⁺cZ cvB⁺ci †y⁺† 5 icGmAvBIR Gi tekx Pvc e⁺envi Kiv hvB⁺Z cv⁺i | mKj Gj⁺ic⁺R U⁺v⁺%, **im⁺jûvi ev cvB⁺c | KvHPvc 250 icGmAvBIR **ibaviY Kii⁺Z nB⁺e Ges D³ hšvski Pvc cix⁺Y KivB⁺Z nB⁺e KvHP⁺†ci 1.5 ,Y tekx Pvc | cBc I Ab⁺v⁺b⁺ hšvsk Gi minZ mvgÄm⁺cY nB⁺Z nB⁺e** |**************

ie⁺a 139 | cBc I fvj —vcb |—(1) —v⁺Z—v⁺cK †nmv cBc:

(K) **—v⁺Z—v⁺cK †nmv cBc e⁺env⁺ii †y⁺† **ib⁺aj⁺—v⁺LZ kZmgn c⁺Zcvj⁺b Kii⁺Z nB⁺e****

(A) **im⁺jûvi †nmv cvB⁺ci m⁺vn⁺†h⁺ msh³ hšvsk GKB K⁺†y⁺ —v⁺cZ nB⁺e;**

(Av) **†nmv cvB⁺cK hZ⁺i m⁺ae L⁺†Uv i⁺v⁺L⁺Z nB⁺e | m⁺av⁺iYZ —v⁺B **igUv⁺ii teik j⁺av nB⁺e bv ;****

(B) **—v⁺Z—v⁺cK †nmv cBc —v⁺iRv, Rv⁺bvjv, †⁺lqvj, c⁺u⁺Ukbv, **im⁺js ev †g⁺Si **ib⁺P —v⁺qv cewnZ nBqv †Kvb K⁺y †⁺K K⁺y⁺i** **ev⁺—v⁺qv ev Ab⁺ic —v⁺b cewnZ nB⁺Z c⁺vi⁺e bv;******

(L) **†nmv cBc Ggb fv⁺e —vcb Kii⁺Z nB⁺e hvn⁺Z Dnv⁺K mn⁺R ch⁺eyY Kiv hvq | A⁺—v⁺ †nmv cBc **lqv⁺ji, Avjgvixi I Ab⁺v⁺b⁺ Arme⁺ec⁺†i A⁺ov⁺j —vcb Kiv hvB⁺e bv;****

(M) **—v⁺Z—v⁺cK †nmv cBc 50 †m⁺U: Gi Dc⁺†i i Zvcg⁺†vq e⁺envi Kiv hvB⁺e bv;**

(N) **—v⁺Z—v⁺cK †nmv cBc Ggbfv⁺e —vcb Kii⁺Z nB⁺e hvn⁺Z Dnv cvKv⁺bv, **im⁺U, †cP⁺†bv Ae⁺—v⁺qv bv —v⁺K Ges Dnv Dc⁺†i †Kvb ewn⁺K Pvc hvn⁺Z bv c⁺†o |****

(2) **—v⁺i fv⁺e —v⁺cZ hšcwZ —v⁺i fv⁺e —v⁺cZ cvB⁺ci g⁺va⁺†g msh³ —v⁺K⁺Z nB⁺e;**

(3) **cBcs: (K) cBc Ggbfv⁺e —vcb Kii⁺Z nB⁺e hvn⁺Z ewn⁺K AiZ Mig AiZ Vvûvi cfv⁺e cBc jvB⁺bi AiZ m⁺†KvPb ev AiZ m⁺áumviY bv N⁺U Ges M⁺v⁺mi fv⁺÷b ev Nbx⁺feb bv N⁺U;**

(L) **cBc jvB⁺b ZMqKvix Aven⁺lqv I c⁺—v⁺†i ms⁺—v⁺†k Avm⁺†Z c⁺vi⁺e bv | hZ⁺i m⁺ae †⁺qv⁺ji Af⁺š⁺i ev XvKv Ae⁺—v⁺qv cBc jvB⁺b —vcb c⁺invi Kii⁺Z nB⁺e;**

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¶ela 147 | tʃv³ mvaɪtʃY cɪZ ɪbʔkɒ|-(1) tiiUKtʃjUW cɤZ mieivnKviɤ eʔ³ ev cɪZôvb KZK ɪbɤjiLZ ɪel:tq
tʃv³mvaɪtʃYK cɪqRbiq ɪbʔkɒ/cikŷY c`vb Kni:b;

(0) †Kɪb Kvi†Y †iɪUK†j †UW c×iZi †Kɪb Ask bó nBqv †M†j ev APj nB†j c†qvRb×q †gɪvgZ ev cɪZ̄vc†bi mǎú†K mǎ§L av†Yv|

¶ 149] $\text{ti} \text{UK} \text{tj} \text{tUW} \text{e}^{\text{e}} \text{v} \text{cbKvix} \text{c} \text{Zô} \text{b} \text{i} \text{beÜb} \text{t} \text{ti} \text{UK} \text{tj} \text{tUW} \text{m} \text{t} \div \text{g} \text{cbKvix} \text{c} \text{Zô} \text{b} \text{t} \text{K} \text{te} \text{ü} \text{v} \text{i} \text{K}$
 $\text{c} \text{i} \text{`Bi} \text{m} \text{i} \text{K} \text{v} \text{t} \text{i} \text{i} \text{b} \text{KU} \text{be} \text{ÜZ} \text{nB} \text{tZ} \text{nB} \text{t} \text{e} \text{t}$

(2) GB «elagijvi 135(1) Ab†Q` Abmvi†i †Kvb †hvM` †bi†cý cii`kbKix KZK cii`kb mǎúb Kiv nB†j †Zib cavb
«e†üvik cii`kK KZK †baviz Q†K GKU mb`c† Rvi† Kii†eb|

(3) $\text{thM}'' \text{ wbi}^{\dagger}\text{c}\ddot{\text{y}} \text{ cii}^{\dagger}\text{kbKvix} \text{ e}^{\dagger}\text{v}^3 \text{ ev cizôvb hvnvB nDK bv } \dagger\text{Kb thM}'' \text{ wbi}^{\dagger}\text{c}\ddot{\text{y}} \text{ cii}^{\dagger}\text{kbKvix} \text{ wnm}\ddot{\text{v}}\text{e cavb we}^{\dagger}\text{ûv}^{\dagger}\text{IK}$
 $\text{cii}^{\dagger}\text{kk KZK mb}^{\dagger}/\text{jvB}^{\dagger}\text{m}^{\dagger}\text{Y c}^{\dagger}\text{v}^{\dagger} \text{ nB}^{\dagger}\text{Z nB}^{\dagger}\text{e}^{\dagger}$

— q s μ q h v ‡ b i B ‖ Ä b ‡ K G j ‖ c ‖ R Ø v i v P v j ‡ b v i R b ′ i ‖ c ‖ š i

(3) i|c|š|i KviLvvi h₁vch³ | w|b|v|c` i|c|š|iKi†Yi Rb" c†q|Rb|xq hšc|w|Z _w|K†Z nB†e Ges Dnv c|†P|j|b|v|
Rb" `v̇ | A|f|Á c†Kš|k|_ | Ab"v|b" †UK|b|k|q|v|b _w|K†Z nB†e|

(2) ¹vicZe² d³qj⁴ ɯg⁵·vi⁶ hvni⁷ gva⁸ʔg⁹ BɿÄʔbi¹⁰ ɸfZ¹¹i¹² eq¹³ | ɸbqšZ¹⁴ cɯgɿY¹⁵ Rɿjvbx¹⁶ ɯgkY¹⁷ c¹⁸ʔek¹⁹ K²⁰i²¹ Zɿnv²² ɸbi²³ó²⁴
BɿÄʔbi²⁵ mv²⁶ʔ²⁷ mvqÄ²⁸ˈm²⁹cY³⁰ nB³¹Z³² nB³³ʔe |

(3) $h\hat{v}\hat{l}x$ $K\ddot{y}\ddot{K}$ $D\hat{o}$ $K\hat{r}i\hat{e}v\hat{i}$ Rb'' $B\hat{i}\hat{A}b$ $K\ddot{y}$ $nB\ddot{Z}$ evq $AvniY$ $K\ddot{i}$ Ggb $ai\ddot{b}i$ $h\ddot{v}\ddot{b}$ $i\ddot{c}i\ddot{s}i$ $mi\ddot{A}vgv\hat{v}$ $\bar{v}cb$ Kiv $h\ddot{v}\ddot{b}ebv\hat{v}$ $h\hat{v}\hat{l}x$ $K\ddot{y}\ddot{K}$ $M'\hat{v}m$ $ib\ddot{i}vax$ Kiv $nq\hat{v}$

153 $h\ddot{v}\ddot{b}i$ $Gj\hat{v}c\hat{i}R$ $R\ddot{v}j\ddot{v}bx$ $e\hat{e}\bar{v}\hat{v}$ - (1) $Gj\hat{v}c\hat{i}R$ $\emptyset\hat{v}i\hat{v}$ $Pw\hat{j}Z$ $GK\hat{u}$ $h\ddot{v}\ddot{b}$ $R\ddot{v}j\ddot{v}bx$ $mieiv\ddot{v}ni$ Rb'' $h\ddot{s}c\hat{v}Z$ $Gj\hat{v}c\hat{i}R$ $m\ddot{v}f\ddot{v}mi$ $Dc\ddot{v}h\hat{v}Mx$ $nB\ddot{Z}$ $nB\ddot{e}\hat{v}$

(2) $Dc\hat{v}e\hat{v}a$ (1) -G $D\hat{v}j\emptyset\hat{v}LZ$ $e\hat{e}\bar{v}q$ Pvc $ckgb$ $f\ddot{v}j\hat{f}$, $\bar{q}s\hat{v}\mu q$ $e\ddot{U}KiY$ $f\ddot{v}j\hat{f}$ I $n\bar{v}$ $Pw\hat{j}Z$ $GK\hat{u}$ $e\ddot{U}KiY$ $f\ddot{v}j\hat{f}h^3$ $m\ddot{v}j\hat{v}i$, $c\ddot{d}\bar{v}$ $ce\hat{v}n$ (Back Flow) $c\hat{v}Z\ddot{i}v\ddot{v}a$ $\ddot{v}PK$ $f\ddot{v}j\hat{h}^3$ $f\hat{v}ZKiY$ $j\ddot{v}Bb$, $m\ddot{v}j\hat{v}i$ Gi $f\hat{v}u\ddot{v}Z$ (down stream) $n\bar{v}$ $Pw\hat{j}Z$ $GK\hat{u}$ $f\ddot{v}j$, $\ddot{v}K\ddot{v}b$ $K\ddot{v}i\ddot{v}Y$ $B\hat{i}\hat{A}b$ $e\ddot{U}$ $nBq\hat{v}$ $\ddot{v}M\ddot{v}j$ $\bar{q}s\hat{v}\mu q$ $f\ddot{v}v\ddot{v}e$ $e\ddot{U}$ $n\hat{v}q\hat{v}$ $Dc\ddot{v}h\hat{v}Mx$ $GK\hat{u}$ $\bar{q}s\hat{v}\mu q$ $f\ddot{v}j$, Pvc $ibq\ddot{v}SK$ (Pressuse regulator), $d\ddot{v}qj$ $ig\cdot vi$ Ges $Zvcg\hat{v}\hat{v}$ $ibY\ddot{v}qi$ Rb'' $\ddot{v}MR$ $\bar{v}K\ddot{v}e\hat{v}$

154 $i\ddot{c}i\ddot{s}i$ $mi\ddot{A}vgv\hat{v}$ i $gvb\hat{v}$ - (1) $i\ddot{c}i\ddot{s}Z\hat{i}$ $mi\ddot{A}vgv\hat{v}$ i aib $B\hat{i}\hat{A}\ddot{b}i$ $\ddot{y}gZ\hat{i}$ $m\hat{v}nZ$ $h\bar{v}h\bar{v}$ $f\ddot{v}v\ddot{v}e$ Lvc $L\ddot{v}B\ddot{Z}$ $nB\ddot{e}$, $mi\ddot{A}vgv\hat{v}$ $ibevPb$ Ges $\bar{v}cb$ $c\bar{v}ZK\ddot{v}i\hat{x}i$ $ib\ddot{v}\hat{v}kb\hat{v}$ $Abm\ddot{v}\ddot{v}i$ $K\hat{v}i\ddot{v}Z$ $nB\ddot{e}\hat{v}$

(2) $B\hat{i}\hat{A}b$ $c\ddot{v}K\ddot{v}\hat{o}$ $e\hat{e}\bar{v}uZ$ $h\ddot{s}vskmgn$ 120 WMx $\ddot{v}m\ddot{v}U\ddot{v}MW$ $ch\ddot{s}$ $Zvcg\hat{v}\hat{v}$ $K\ddot{v}\ddot{v}h\ddot{v}c\ddot{v}h\hat{v}Mx$ $nB\ddot{Z}$ $nB\ddot{e}$ Ges $Ab\ddot{v}b''$ $DcKiY$ 82 WMx $\ddot{v}m\ddot{v}U\ddot{v}MW$ $ch\ddot{s}$ $Zvcg\hat{v}\hat{v}$ $K\ddot{v}\ddot{v}h\ddot{v}c\ddot{v}h\hat{v}Mx$ $nB\ddot{Z}$ $nB\ddot{e}\hat{v}$

- (3) $R\ddot{v}j\ddot{v}bx$ $m\hat{A}\ddot{v}j\ddot{v}bi$ $h\ddot{s}v\ddot{v}k$ $ib\ddot{v}e\hat{v}YZ$ $ielq\hat{v}$ j $\ddot{v}j\ddot{v}e\hat{v}KZ$ $A\bar{e}\hat{v}$ $\ddot{v}L\ddot{v}\bar{v}BKZ$ $\bar{v}K\ddot{v}Z$ $nB\ddot{e}$; $h\bar{v}t\bar{v}$
(A) $c\bar{v}ZK\ddot{v}i\hat{x}i$ bvg ev $m\ddot{v}KZ$;
(A $\bar{v}$) $\hat{v}h$ gvb mPK $ieib\ddot{v}\hat{v}k$ $Abh\ddot{v}q\hat{x}$ $DcKiY\hat{v}$ $\hat{v}Zi\hat{x}$ $Dn\hat{v}i$ bvg I $b\ddot{v}i$;
(B) $WR\hat{v}Bb$ $K\ddot{v}hPvc$;
(C) $m\hat{v}VK$ $m\ddot{v}h\hat{v}R\ddot{v}bi$ Rb'' $R\ddot{v}j\ddot{v}bx$ $cev\ddot{v}ni$ $\bar{v}\hat{v}K$ $ib\ddot{v}\hat{v}kb\hat{v}$; Ges
(D) $\ddot{y}gZ\hat{v}$ ev $\hat{e}\bar{v}\bar{v}ZK$ $\ddot{v}i\hat{v}Us$ $h\hat{v}n\hat{v}$ $c\ddot{v}h\hat{v}R''\hat{v}$

155 $av\hat{i}Yc\hat{v}\hat{v}i$ $Ae\bar{v}b\hat{v}$ - (1) $av\hat{i}Yc\hat{v}\hat{v}i$ $m\hat{v}i\ddot{y}Z$ $Ae\bar{v}v\hat{v}b$ $\bar{v}icZ$ $nB\ddot{e}$ $h\hat{v}n\hat{v}Z$ $av\hat{v}R\hat{v}bZ$ $AvN\hat{v}Z$ $ieb\hat{o}$ $b\hat{v}$ $nq\hat{v}$

(2) $av\hat{i}Yc\hat{v}\hat{v}i$ $\ddot{v}K\ddot{v}b$ Ask ev $Dn\hat{v}i$ $m\hat{v}nZ$ msh^3 $\ddot{v}K\ddot{v}b$ $mi\ddot{A}vg$ $tg\hat{v}U\hat{i}$ $h\ddot{v}\ddot{b}i$ $evn\ddot{v}i$ $cm\ddot{v}iZ$ $\bar{v}K\ddot{v}e$ $b\hat{v}$ I

(3) $M\hat{v}oxi$ $icQ\ddot{v}bi$ $ev\hat{v}u\ddot{v}i$ $L\hat{v}ov$ $c\ddot{v}v\ddot{v}i$ $c\ddot{d}\bar{v}Z$ ev $m\hat{v}SL$ $G\hat{v}\cdot\ddot{v}ji$ $mvg\ddot{v}b$ $R\ddot{v}j\ddot{v}bx$ $mieiv\ddot{v}ni$ $av\hat{i}Yc\hat{v}\hat{v}i$ ev $Dn\hat{v}i$ $m\hat{v}nZ$ $m\ddot{v}h\hat{v}RZ$ $mi\ddot{A}vg$ $\bar{v}cb$ Kiv $h\ddot{v}\ddot{b}e$ $b\hat{v}$

(4) $Gj\hat{v}c\hat{i}R$ $av\hat{i}Yc\hat{v}\hat{v}i$ $h\ddot{v}\ddot{b}i$ $b\ddot{v}P$ $m\ddot{v}h\hat{v}R\ddot{v}bi$ $\ddot{v}\ddot{v}\hat{v}i$ $i\bar{v}\bar{v}i$ $\ddot{v}j\ddot{v}fj$ I $av\hat{i}c\hat{v}\hat{v}i$ $g\hat{v}a''$ $Ab\ddot{v}b$ 200 $ig.ig$ $d\hat{v}K\hat{v}$ $\bar{v}iZ$ $eR\hat{v}q$ $i\hat{v}L\ddot{v}Z$ $nB\ddot{e}\hat{v}$

(5) $Gj\hat{v}c\hat{i}R$ $av\hat{i}Yc\hat{v}\hat{v}i$ Ggb $f\ddot{v}v\ddot{v}e$ $\bar{v}icZ$ $nB\ddot{e}$ $h\hat{v}n\hat{v}Z$ $Av\hat{v}\ddot{v}i$ $Zvcg\hat{v}\hat{v}$ $\ddot{v}K\ddot{v}b$ $f\ddot{v}v\ddot{v}e$ 45 WMx $\ddot{v}m\ddot{v}U\ddot{v}M\ddot{v}Wi$ $Dc\ddot{v}i$ $b\hat{v}$ $D\ddot{v}V$ Ges $\ddot{v}K\ddot{v}b$ $\ddot{v}\ddot{v}\hat{v}B$ $Gj\hat{v}c\hat{i}R$ $av\hat{i}Yc\hat{v}\hat{v}i$ I eR'' $\hat{v}avq\hat{v}$ $ibMgY$ $b\ddot{v}ji$ $g\hat{v}a''$ 7.5 $\hat{v}m.ig$. Gi Kg $d\hat{v}K\hat{v}$ $R\hat{v}qM\hat{v}$ $MnY\ddot{v}h\hat{v}M''$ $nB\ddot{e}$ $b\hat{v}$;

(6) $Gj\hat{v}c\hat{i}R$ $Av\hat{v}i$ $Ggbf\ddot{v}v\ddot{v}e$ $\bar{v}icZ$ $nB\ddot{e}$ $h\hat{v}n\hat{v}Z$ $f\ddot{v}j$ $nB\ddot{Z}$ $M'\hat{v}m$ $ibMZ$ $nB\ddot{v}j$ $Z\hat{v}n\hat{v}$ $P\ddot{v}j\ddot{v}Ki$ $K\ddot{v}\ddot{v}$ ev $h\hat{v}\hat{l}x$ $K\ddot{v}\ddot{v}$ $c\ddot{v}ek$ $K\hat{v}i\ddot{v}Z$ $b\hat{v}$ $c\ddot{v}i\hat{v}$

156 $av\hat{i}bc\hat{v}\hat{v}i$ msh^3 $h\ddot{s}vsk\hat{v}$ - (1) $av\hat{i}bc\hat{v}\hat{v}i$ $Dn\hat{v}i$ $AvK\ddot{v}i\hat{v}$ $m\ddot{v}\bar{v}$ $mvg\hat{v}m\bar{v}cY$ $GK\hat{u}$ $e\ddot{u}gLx$ $f\ddot{v}j\hat{f}$ (Multi Valve) msh^3 $\bar{v}K\ddot{v}e\hat{v}$ $e\ddot{u}gLx$ $f\ddot{v}j\ddot{v}f$ $ib\ddot{v}e\hat{v}YZ$ $ie\hat{v}fb$ $K\ddot{v}h$ $Dc\ddot{v}h\hat{v}Mx$ $f\ddot{v}j\hat{f}$ $\bar{v}K\ddot{v}e\hat{v}$ $e\ddot{u}gLx$ $f\ddot{v}j\hat{f}$ $P\hat{v}K$ Gi $m\ddot{v}n\ddot{v}h''$ $K\ddot{v}R$ $K\ddot{v}i$ Ggb $\bar{v}\hat{v}h^3$ $\bar{v}K\ddot{v}e$ $h\hat{v}n\hat{v}$ $av\hat{i}Yc\hat{v}\hat{v}i$ $R\ddot{v}j\ddot{v}bx$ $c\hat{v}ig\hat{v}b$ $ibYq$ $K\hat{v}i\ddot{v}Z$ $c\ddot{v}i\hat{v}$

(K) bb $i\hat{v}U\hat{v}b$ $f\ddot{v}j\hat{h}^3$ $f\hat{v}ZKiY$ $m\ddot{v}h\hat{v}M$ (Filling Connection) Ges $f\hat{v}ZKiY$ $f\ddot{v}j$ (Filler valve);

- (L) Aizii³ cevn (Excess flow) ibqšK fvj;
- (M) ckgb fvj;
- (N) qsmuq fIZ ibqšK fvj (80% Stop valve);
- (O) ús ibqšZ Pvc ckgb fvj (Spring Loaded pressure Relief Valve);
- (P) qsmuqfve GjicIR ierQbKiY fvj (mijbqW fvj);
- (Q) Zvcxq idDR fvj (Thermal fuse valve);

(2) mijÚvii mvm fm cš PíYZKiY: thLvfb evú ev Zij Uvbqv tbiqvi Dfq eēvB KvKi nBte tm žyî mijÚvii cvš úó I vqfve evú ev Zij kã,ij PíYZ Kiiz nBte|

(3) fIZKiY mshvM eēvq GKIU fIZKiY K'vú Avex vKte hvin mijÚvii WRvBb Pvc mn' Kiiz mýg|

(4) iezx fIZKiY mshvMi Aeēvb- iezx fIZKiY mshvM tgvUihvbi evniti miyZ Ges evq PjvPj eēv AvQ GBic vfb msh³ vKte|

(5) tgvUihvbi mv_ fIZKiY mshvM Ggbfve msh³ vKte hvinZ msh³ i vqxKvb ierP'Z bv NUvqv tgvUi hvbi mšL I cšvZ i K 50 KIR AvivcZ ej mn' Kiiz mýg nq|

(6) mijÚvii mv_ n PíjZ kvU Ad fvj msh³ vKte hvin Aizii³ cevn fvj (Excess flow Valve) Gi fviUZ (down stream) msh³ nBte| kvU Ad fvj Gi mv_ Aizii³ cevn fvj GKxfZ vKtj Dnv mivmii mijÚvii mv_ msh³ nBte| BvÄb eÜ Aeēvq nb mBP (igniton Switch) eÜ ev Pvj th KvB Aeēvq fvjfi ibqšY eēv BvÄb Rvjvbx M'vm cevn qsmuq fve eÜ Kiite Ges BvÄb Pvj bv nIqv chš Dnv eÜ vKte|

(7) Dciii Dciena (6) G hvinB vKK bv tKb Zij BbRKkb eēvq (Liquid Injection system) M'vm eēv tkvab Kivi Rb' Rvjvbx cY Pmuqbi ctqvRb nBtj GjicIR Øviv BvÄb Piji cte 10 tmKÜ Gi tekx bq Ggb mgq eÜ KiY fvjf tLvjj vKte|

(8) Zij cigvck ibt'kK (liquid level indicator) avib ctîi Rb' Dch³ nBtZ nBte Ges Dnv ht_vch³ Aeēvb vcb Kiiz nBte|

(9) ús ibqšZ Pvc ckgb fvjf avib cvîi eúxq Aski mv_ Ggbfve msh³ vKte hvinZ cvkeZx vfb ibtmii Kiiz cvti; D'P Ztc (Aim`NUbvq) A_ev AZ'iaK Ptc GB fvjf KvKi nBte|

(10) qsmuq fIZ ibqšK (automatic Filling level limiter, 80% stop velve), avibcvîi Rb' Dch³ nBtZ nBte Ges ht_vch³ vfb Ggbfve vcb Kiiz nBte hvinZ avibcvî 80% Gi AiaK fIZ nBtZ bv cvti;

(11) GjicIR ierQbKiY fvjf (mijbqW fvjf):- eúLx fvjf (Multi Valve) GKIU GjicIR mijbqW fvjf msh³ vKte hvin BvÄb eÜ vKtj ev tctUvj Øviv PíjZ nBtj ev NUbvq mijÚvi t_K BvÄb GjicIR cilenb jvBb fv%qv tMj gR` mijÚvi nBtZ GjicIR cevn eÜ Kiite|

(12) Zvcxq idDR fvjf (Thermal fuse valve); Kejgvî Aim`NUbvq AIZ D'P Zvc gvîvq avibcvî Lvi Kivi žyî GB fvjf KvKi nBte|

iena 157| ešvQv`b;-(1) Dch<sup>3</sup> vfb vcbi gva'tg ev c\_K etgi mvinth' avYcvî I Zrmsh<sup>3</sup> hšisktK ht\_vch<sup>3</sup> fve Av'Qv`Z Kiiz nBte hvinZ NYvgvb m'vdu Gi ierP'Zi dtj Ges avegvb eēv evvni nBtZ ibiYB tKvb eēv AvNtZ ev Ab' tKvbfve GjicIR avYcvî jvZM nBtZ bv cvti|

iena 158| evq PjvPj eēv;- (1) Mvoxi ctKtôi fZti GjicIR avYcvî vcz nBtj eúLx fvjf (Multi valve)- tK Ggbfve Av'Qv`Z iviLZ nBte hvinZ eúLx fvjf nBtZ ibMZ M'vm Mvoxi ctKtô ctek bv Kti Ges D³ Kty chvB evq PjvPj eēv iviLZ nBte|

(2) ibMZ tKvb M'vm hvinZ ibivc' evniti ibMigZ nBtZ cvti tMBR' eúLx fvjfi Av'Qv`b ibMgb cBc vcbi eēv Kiiz nBte|

18

cKwZ wPwÜZKiYi Rb" vqxfvte GjicR mwf mU Ae fvj f0 ev Abic kãi ttej jvMBtZ nBe Ges fvj f fi eÜ I tLv jv`K wbt`kK wPy m@úofvte wPwÜZ wKtZ nBe|

(3) BiAb eÜ Ae vq, GgbK`nb mBP (ignition switch) Pvj wKtj I BiAb Rvjvbx M'vm cevn qsmqfvte eÜ iLv Levi Rb" GB cµqv GKw GjicR mU Ae fvj f vcb KtZ nBe|

(4) Zij GjicR-tK DËB Ktiqv evt@ú ciYZ Ges GjicR I eqi wgytK mVK AbcvZ iLv BiAb Dni cevnK wqšYi Rb" f'vcivBRvi vcb KtZ nBe Dni M'vm BiAb VvÜv Ktiev cwb I e`wZK mwfmi mnZ h<sup>3</sup> wKte| f'vcivBRviK aviYcvfi WRvBb Pvc nBtZ nBe Ges Gjic M'vfi yqKvix cfve ciZtita myg Ggb c`v Øviv ^Zix nBtZ nBe| f'vcivBtRii aib Abmvi avibcvfi PvcK`B ev wZb avc KgyBqv wgv vti DcthvMx nq Ggb KvKix Pvc iLvLZ nBe|

(5) f'vcivBRvi Gi Le KvQ ebtUi wbtP GjicR eÜKiY mjbqW vcb KtZ nBe GjicR wMgy cBtci`N", 30tmw Gi Kg nBtZ nBe| BiAb eÜ Ae vq ev BiAb tctUvj Øviv PwJZ nBtj GB e`vq BiAb M'vm cevn eÜ wKte cbivq GjicR Øviv Pvjv KtZ nBtj tKteb wicZ mBtPi mnvth" f'vcivBRvi mjbqW KvKi KtZ nBe|

(6) Mvxi wqšY hš Ggbfvte msh³ KtZ nBe thb-

K) Mvxi SkcY Ae vq wivc`vK;

(L) Dni meavRbK vtb I wivc`vK;

(M) Dni wbgZ iyYvteyY, DcthvRb Ges ci`kbi meav nq;

(N) Dni eR" aqv wMgb e`v nBtZ hZ`i mæ tekx`itZ wicZ nq Ges thB tyt`iz 15 tm.w. Gi Kg tmB tyt`i Ggbfvte AvQw`Z vK| hvntZ Dni wKtZ Zic nBtZ iyv cvq Ges tKv KtiY aqv wMgy e`v AKvhKi nBtj wMZ eR" aqv yZKi cfve nBtZ iyv cvq|

(O) Dni h³h³ fvte msNIRibZ AvNvZ nBtZ miyZ vK;

(P) mKj tnvm cBc chvB fvte bovpovi e`v vK;

(Q) Rj Pwqb e`v (water recycling system)/ cwb mAvjb cxwZ (cthvR" tyt`i) c`ZKvixi wbt`k Abhvqx msh³ nq Ges gj hš i cwb cevn eÜ nq Ggb cevn wqšY fvj f vcb Kiv bv nq|

(7) ti,tjUi hšvski mgyb" AvM GjicR Rvjvbx jvBt tkl cvtšZ ti,tjUi hšvski Rb" yZKi Ggb y`y` fvmgyb c`v Rvjvbx nBtZ`i KtZ myg GBic GKw QvKbx (filter) jvMBtZ nBe|

(8) BiAbi ctqvRb Abhvqx mVK AbcvZ evZm I M'vfi wgy ^Zixi ØM'vm-evq wgy hš (gas -air mixture) wivc`fvte hvmæ KvetiUi KvQ msh<sup>3</sup> KtZ nBe Ges BÄKkvb UvBc hvbi tyt`i mivmi evq cteK gLi mvf` msh<sup>3</sup> KtZ nBe Ges`ieZx Ask msh³ Kiv nBtj ht`vch³ fvte miyZ KtZ nBe, hvntZ Dni wB R IRb I AvicZ fi entb myg nq|

(9) M'vm-evq wgy hš i wbgLx cevt nKv evZm-QvKbx (air filter) msh³ wKte bv |

(10) M'vfi mnZ evq wgtYi ctEB tKv AmÜj½ ciZnZ Ktiev Rb" AmÜjSM ciZnZKvix fvj f (Anti-backfire valve) msh³ KtZ nBe|

(11) Ø-Rvjvbx PwJZ BiAbi tyt`i BiAb I ciZU Rvjvbx cvtúi gvSLvbt qsmq eÜKiY fvj f vcb KtZ nBe, hvntZ tKv GK cKvi Rvjvxi ctqvRb bv nBtj Dni cevn eÜ iLv hvq Ges Ab" cKvi Rvjvxi cevn wbie"Qb vK| D³ic fvj f iera 131(3) G DvjØLZ qsmq mU Ae fvj f-Gi Abic I muiK nBe|

(12) Ø-Rvjvbx PwJZ BiAbi tyt`i`Bw Rvjvxi th tKv wbevPbi Rb" Kgcty Zbw vtb m`úofvte wPwÜZ D<sup>3</sup>`Bw Rvjvxi bvg mawjZ wbevPK mBP (selection switch) vcb KtZ nBe, wbevPK mBP MvxiPvjK ev hšPvjKi bmvji gta" wicZ nBe| BtjKtUwbK dtqj BÄKkvb mawjZ hvbi tyt`i`Bw vtb mBP vcb MnythvM" nBe|

(13) ti,tjUi ev wdj ctqtU wtklZt BiAb ctKv÷, KvhiZ e`t`i mnR`óMvPi nq Ggb vtb GjicR mwiÜvii Pvc wbt`ki Rb" GKw Pvc wbt`kK wÜvi vcb KtZ nBe Ges GKw AwZi³ tMR ev BtjKvibK tMR MvxiPvjKi Kty vcb Kiv hvBt

- GKv`k Aa"vq

µgK bs	Welq	Zdımj 2 Gi c#hıR" dıg
1	2	3
(4)	ııUKıjıUW cııZıZ GııcıR gR` I e`enııı Rb" jıBıııY Gi Avıe`bı	0S0

‡Unej

µgK bs	Welq	Zdłm j 2 Gi c:hvR" dig
1	2	3
(1)	GjıciR Avg`vbi jvBıııY	ÖMÖ
(5)	ııUKıjıUW cııZıZ GjıciR gR` l e"envııı Rb" jvBıııY Gi Avıe`bı	ÖTÖ

$$Z_{d_{m \times j-1}}$$

µgK bs	dig	ḥ DḥIḥK jvBḥmY c`Ē	jvBḥmY c`vbKvix KZcȳ
1	2	3	4
(5)	ÒTÓ	ḥiUKḥjḥUW cḥiZḥZ GjḥiR gR` I e`enḥi i jvBḥmY gÄi	carb iet`üviK ci i`kK

20| Zdmxj-2 G dig ÒRÓ Gi ci iḥai c ÒSÓ, ÒTÓ, ÒUÓ, ÒVÓ, ÒWÓ dig msḥmRZ nBḥe|

dig-S

[ieia 170 `óe']

ḥiUKḥjḥUW cḥiZḥZ GjḥiR gR`KiḥYi Aḥe`bcĪ

- 1| `iLv`Kvixi cY bvg t
- 2| `iLv`Kvixi cY iVkvbv t
- 3| ḥiUKḥjḥUW e`e`v`vcbKvix ciZôḥbi
miKvix Abḥg`b/gÄix cḥi i bḥi I ZmiL t
(mZ`wqZ dḥUv Kic msh³ KiiḥZ nBḥe)
- 4| (K) iWjḥi i bvg I iVkvbv t
(L) iCiYcḥj i bvg I iVkvbv t
- 5| c`weZ ḥiUKḥjḥUW cḥiZḥZ GjḥiR gR` cḥiYi Ae`vb -
ḥRjv t
DcḥRjv/_vbv t
Mig/kni/tgšRv
KviLvbeüZj feḥbi bvg I tni`is bs t
LiZqv I `vM bs/cøU bs t
- 6| c`weZ ḥiUKḥjḥUW cḥiZi eYbv-
(K) e`eüZ iḥjÜḥi i aḥiYgZv I msL`v t
(L) c`weZ M`vmvḥi i msL`v I aḥiYgZv
(M) f`vcvBRḥi i aiY I ygZv NbḥUv i/NbUv t
- 7| M`vm gR` Kiv nBḥj Dnv i aiY-
M`vmvḥi i/ M`vm iḥjÜḥi t
- 8| (K) ḥ M`vm ḥKvḥüvYxi iḥKU nBḥZ GjḥiR
mieivn ḥblqv nBḥe Dnv i bvg t
(L) mieivnKvix M`vm ciBc jvBḥbi e`vm I Kvḥ Pvc t
- 9| diḥg DḥjøLZ mKj kZvejx c`weZ cḥiY cḥjb t
Kḥi iK bv Aaev Dnv cḥjḥbi DcḥmMZv AḥQ iK bv
- 10| cḥiY BiZcḥe iḥjÜḥi i/Aḥḥi GjḥiR gR`, t
Aḥḥi GjḥiR fiZ Kiv nBqḥQ iKbv |
- 11| AiZi³ Z`, hñ`_ḥK t
- 12| gše` t

Awg/ Avgiv GB gḥg cZ`qb KiiḥZiQ ḥ, Dcḥi i Z`vejx hḥPvB Kiv nBqḥQ Ges Dnv mZ` | Awg/Avgiv AsmKvi KiiḥZiQ ḥ,
Explosives Act, 1884 I Z`axb cYxZ GjḥiR iḥagvjv, 2004 Ges gÄixZe` jvBḥmYi kZ cḥjb Kiiḥ Dcḥi v³ cḥiY GjḥiR iḥjÜḥi ev
Aḥḥi GjḥiR gR` Kie | Awg/Avgiv AeinZ AwQ ḥ, D<sup>3</sup> A`ḥ ev iḥagvjv i ḥKv iḥarb Ges jvBḥmYi ḥKv kZ j•NbKvix c_g Acivḥai Rb` 2
(`B) ermi chš Kiv`Ü ev 50,000 (cÄvk nḥRv) UḥKv chš A`\_`Ü A_ev Dfq`Ü Ges cieZi cḥZ`K Acivḥai Rb` 5 (cḥP) ermi i Kiv`Ü ev
1,00,000 (GK jȳ) UḥKv Riigv A_ev Dfq`Ü`Übq |

ZmiL :

`iLv`Kvixi `vyi

UḥKv t `iLvḥi minZ `vLjZe` KiMRcĪ ;
(1) ieia 170(4) Abḥiq 5 Lvḥv bKkv ;
(2) ieia 170(9) Abḥiq cḥqRbq id c`ḥbi ḥURvix Pjvḥ |

dig òTò

[ZijxKZ ÷c÷Uwjqvg M'vm (GjicR) ñeagvjv, 2004 Gi ñeia 170 `óe']

ñkí KvíLvbv/ivbvi Kv÷R eûZj evm fe÷b , "Q ñmwjÛvi ev evé AvKv÷i gR` I cvB÷ci gva÷g GjicR mieivn Gi jvB÷mÝ gÄi|

bs

ñd:

GZ`Øviv ñe÷ÛviK A`v±, 1884 I Z`axb cYxZ ZijxKZ ÷c÷Uwjqvg M'vm (GjicR) ñeagvjv, 2004 Gi ñeavbejx Ges Ací cõvq eiYZ kZvejx mv÷c÷y, GZ`msh³ bKkvq c`ikZ I ñbgeñYZ cv½÷Y, , "Q ñmwjÛvi/U`vsK ev evé AvKv÷i gR` I cvB÷ci gva÷g GjicR mieivn Gi jvB÷mÝ gÄi cm÷½|

GB jvB÷mÝ 31 ÷k ñW÷m±i, 20 mvj chš ejer _vñK÷e|

ZwiL:

jvB÷mÝ c`vbKvix KZcÿ

bKkv bs

ZwiL:

jvB÷mÝKZ cv½÷Yi Ae`vb I eYbv

Avig GB g÷g cZ`vqb Kv÷ZiQ ÷h, GZ`Øviv jvB÷mÝKZ gR`vMvi/cv½Y Zwi÷L
KZK cñi`kb Kiv nBqv÷Q ñhñb gR`vMviU GZ`msh<sup>3</sup> Ab÷gñ`Z bKkv Abmv÷i Ges
jvB÷mÝi kZ bs Ges ñeia Gi cñicvjb ÷`ñL÷Z cvBqv÷Qb g÷g cZ`vqb Kv÷qv÷Qb|

jvB÷mÝ c`vbKvix KZcÿ

beqv÷bi ZwiL	÷gqv` DËY nIqvñ ZwiL	jvB÷mÝ c`vbKvix KZc÷yi vyi

cñi`kbKv÷j GZ`msh³ eYbv I kZvejx Abmv÷i jvB÷mÝKZ cv½Y cñi`ó bv nB÷j GB jvB÷mÝ eñZj nBqv hvB÷e Ges ÷h mg`
ñeia I kZvejxi Aaxb GB jvB÷mÝ gÄi Kiv nBqv÷Q Dñvi ÷Kvb GKñUi j÷N÷bi c_g Aciv÷ai Rb` 2(`B) ermi chš ÷Rj ev

50,000 UvKv chš Rnigvbn A_ev Dfqlea`Ů Avšivc Kiv hvBžZ cšči Ges cieZx cžZ`K Acivtai Rb` 5 ermi chš tRj ev 1(GK) jŷ UvKv chš Rnigvbn A\_ev Dfqlea`Ů Avšivc Kiv hvBžZ cšči

kZvejx

- 1| gR` U`vsK/ŵmijŮvi „Q GjicR gR` vcbvq chvß evq PjvPj KnižZ cšči Ggb f-Dciv (Ground level) tjtŷj gj fešbi emnši vcz KnižZ nBte;
- 2| ŵešs evDŮvixi fZšči ŵetklfŷe ^Zix Kžy GB Abž`Qž` DžjLZ ŵbivcĖv e`e`v cžqM Kniqy ŵmijŮvi „Q vcb Kiv hvBte| D³ cxižZ emniŷY gR` ŵnmvte MY` Kiv hvBte| GB tŷtŷI emniŷY gR` e`e`vi Rb` cžhvR` ŵbivcĖv`iz I ŵbivcĖv e`e`v eRvq iŵLžZ nBte|
- 3| KŷiUi tŷS gmb nBžZ nBte| ŵmijŮvi bvoPvovi mgq ŷvK mŷo KnižZ cšči Ggb LmLžm nBte bv| KŷiUi 1.5 ŵgUvi c` iRv vKte hmv fešbi ŵecižZ ŵ`žK nBte Ges emnši i ŵ`žK Ljŷte|
- 4| U`v% ev ŵmijŮvi „Q tKvb emZ evioi fZi, ŵešs Gi teBmžgU,tKvb Mfxi bŷjv ev Ab` tKvb bŷP vžbi ŵbKžU tŷLžb ŵQ` nBžZ ibtmZ GjicR evZžm ŵgŷqy hvBžZ evavM` nq ev nžq vžK Ggb vžb vcb Kiv hvBte bv ;
- 5| j, nvmcZvj, exŵbevm ev tŷvKmgvMg nq Ggb vžbi 100 ŵgUvi gža` GjicR gRž`i vcbv I dŷjs cžqU vcb Kiv hvBte bv;
- 6| vcbvi Pŵiŵ`žK Kgcžy 1 ŵgUvi ck` RvqMv cKv KnižZ nBte Ges cKv Asžki emnši i ŵ`žK Kgcžy 2 ŵgUvi cŷigvY RvqMv eŷ j I jŷv Nvm g³ iŵLžZ nBte;
- 7| cb:fžKžYi Rb` AvMZ Mvox hvnvžZ mnžR U`v% ev ŵmijŮvi „Qž KvžQ hvZvqyZ KnižZ cšči Ges Rižix gnžZ AvMbevcšbi hvbevnv hvZvqyZ KnižZ cšči Ggb c`vKžZ nBte;
- 8| U`vsžKi Pŵicžk ŵbžž DžjLZ ŵbivcĖv`iz eRvq iŵLv Avek`K:

(K) GjicR ŵeagvjv 2004 Abmvši f-Dci` U`v% i tŷtŷI Aba 2000 ŵjUvi Rj aviYžgZvmžub U`vsžKi Rb` 4ŵgUvi Ges Aba 20,000 ŵjUvi i Rb` 10 ŵgUvi;

(L) NFPA 58 tKŵ Abhvqx f-Dci`, f-Mf` I Aa f-Mf` U`vsK ŵbrežkžI 9000 ŵjUvi chš Rj aviY žgZvmžub U`vsžKi Rb` 3 ŵgUvi|

- 9| f-Mf` U`v% I ŵmijŮvi „Q vcbi tŷtŷI gR` vcbv/gR`vMvši cžqRbxq RvqMvi cŷigvY h_vžg ŵbžž mviYžZ c`vb Kiv nžjv:

(K) U`vsžKi tŷtŷI-

GjicR gRž`i cŷigvY	vcbvi Rb` cžqRbxq vžbi cŷigvY
(Ub)	ŵgUvi × ŵgUvi
4	13 × 12
6	14 × 12
8	15 × 12
----- BZ`v`	----- BZ`v`

(L) ŵmijŮvi „Qž tŷtŷI:ŵmijŮvi gRž`i tŷtŷI Abae 40tKŵR I 80 tKŵR aviYžgZvmžub GKŵU ŵmijŮvi „Qž Rb` h_vžg b`bZg 5 eMgUvi I 12 eMgUvi RvqMvi cžqRb| tmb AbcžZ 500 tKŵRi Rb` I 1000 tKŵRi Rb` h\_vžg 62 eMgUvi I 125 eMgUvi RvqMvi cžqRb| DžjL` th, Dciv³ ŵnmve cžZŵ 12.5tKŵR aviYžgZvmžub ŵmijŮvi Ges cžZŵ ŵmijŮvi Džfŷte GK mvižZ vcbi tŷtŷI cžhvR` nBte|

- 10| U`v% ev ŵmijŮvi „Q Ggbfŷte vcb KnižZ nBte hvnvžZ hvbevnv, bŷkKZv ev AbifÁZv ev Ab` tKvb KvižY gR` ŵmžžgi hšcŵZ, cšc BZ`v`i tKvbič žYz mŵaZ bv nq| GZ`žžk` U`v% ev ŵmijŮvi „Q Gi Pŵiŵ`žK ŵbivcĖv teov (Fencing) ŵžZ nBte;
- 11| gR`vMvi nBžZ evq ŵbMgžYi Rb` Dnvi tŷSi KŷQvKŵQ t`qŷj Ges Qvž` ev Qv`msjM t`qŷj chvß ŵbMgY c`vKte| evq ŵbMgY c`vž Zvgvi ^Zix Rvž ev Abiç Rvž ŷvŷv Ar`Qŵ`Z KnižZ nBte| GBiç Rvžji cžZ tmbUigUvi Ab`b 11ŵU dvm vKte|

- 12| 100 nBtZ 500 nKtjvMvg GjicR Gi gR`vMvi tKvb feþbi Askieþkl ev Dnvi msjM nBtj gR`vMvi D³ feb nBtZ gReZ cVXi Øviv c_KiKZ nBtZ nBte Ges gR`vMvii cteþki Rb` miivmii Ges ZŠ c_vKte| GBic gR`vMvi imioi bxþP Ae`Z nBte bv|
- 13| 500 nKtjvMvgi AiaK GjicR Gi gR`vMvi Ges tKvb feb, RbmvgMg`j ev iv`vi gta` bþajLZ dvKv`iZ eRvq iVLtZ nBte Ges D<sup>3</sup> dvKv RvqMvq tKvb Abbþg`Z tjvKRb cteþk KiiþZ t`Iqv hvBte bv:

M`vþmi ciigvY (nKtjvMvg)		b`bZg`iZ (igUþi)
501 - 1000		3
1001 - 4000		5
4001 - 8000		7
8001 - 12000		9
12000 Gi EþaY		10

Zte kZ_vþK th, Dcþiv³`iZ carb cii`kK nvm KiiþZ cvþib, hv` nvmKZ`iþi tkl cvþš:-

- (K) cVXi t`Iqv nq ev Ab` tKvb ieþkl mvearbZv Aeþab Kiv nq, A_ev
(L) ieþkl cVXi cVikK Ae`vi KviþY carb cii`kK mšó nb th, GBic nvmKiY h_v_|

- 14| M`vmvavþi GjicR gR` GZ`msh<sup>3</sup> Abþg`Z bKkvq c`ikZ bawiz`vþb Ges tktW KiiþZ nBte|
- 15| GjicR gRt`i ciZU M`vmvavþi Ges cVbcmgn tKvb feþbi ewnti Ges Dnv DĖgfvte WRvBbKZ rfiĖi Dci`vicZ nBte|
- 16| M`vmvavþi hšvsk me`v mteĖĖ Ae`vq iYvteY KiiþZ nBte|
- 17| „Q mmiĖiU`vK cxiZtZ GjicR gRt`i tYĖ mgmsLK mmiĖiU`v mmiĖiZ`Biu mmiĖiU`v „Q\_vKte, GKiu mmiĖq (Active) Ges Ab`U Aþcýgib (Standby)| cZ`K „þQi mmiĖiU`v „j ci`úi Avš:msþhVM Ae`vq_vKte| GB gR` e`e`vq Ggb GKiu WfvBm (Auto changeover regulator) msh<sup>3</sup>\_vKtZ nBte hvmvZ Aþcýgib „Qiu mPj nq| cieZtZ mvmfm tcvfVWvi KZK ibtþkl „þQi mmiĖiU`v „j AcvviY Kiiqv fviZ mmiĖiU`v cb`vcb Kiiþeb|
- 18| mmiĖiU`v „Q`vcþbi Rb` bþajLZ elq „j ieþebvq bþZ nBte h_v:-
- (K) mmiĖiU`v „Q Gi eviUþji tKvb mmiĖiU`v RjaviYgZv 125 ĖjUvi Gi tekx nBtZ cVite bv;
 - (L) `vicZe` feþbi`iRv, Rvbvjv ev tfvUþjUvi iijd fvj nBtZ KgcþM 1igUvi`þi`vcb KiiþZ nBte;
 - (M) GK ev GKvK mmiĖiU`v Rvbjvi KvþQ`vcb KiiþZ nBtj Rvbvjvi bþcvš nBtZ 15 tm.ig. `þi mmiĖiU`v fvj Gi Ae`vb nBtZ nBte;
 - (N) Avþbi Drm, `vn` ZiĖ Gi gR` ev Ab` tKvb `vn` c`v` nBtZ 5igUvi`þi mmiĖiU`v iVLtZ nBte;
 - (O) ewn`K Avþbi Drm, hvšK tfvU e`e`v ev miivmii tfvU e`e`v nBtZ KgcþY 1.5 igUvi`þi`vcb KiiþZ nBte;
 - (P) „Q mmiĖiU`v mvt\_ msh<sup>3</sup> cVbc, dUsm, mmiĖiU`v tĖjUi Gi mvt_ msþhMKvix tnvm cVbc BZ`v` mmiĖiU`v Af`šiY Pþci t`o`Y Pvc mn` Krievi DcþhVM nBtZ nBe;
 - (Q) tĖiUKþjUW mvt÷tg e`eüZ mKj gvjgvj, hšvsk dUsm BZ`v` Ėia 130(1), (2), (3) G DĖjLZ bþ`kbv ciZcvjb mvtcþY tĖiUKþjUW mvt÷tg`vcbKvix ms`vi bR`WRvBb Abhvq nBtZ cVite;
 - (R) cZ`Kiu mmiĖiU`v I carb cVbc Gi mvt_ msþhMKvix tnvm cVbc I Dnvi msþhVM`j mnþR chþeY Kiv hvq GB iþc chvß RvqMv`vKZ nBte;

- 19| U`v`/ „Q mmiĖiU`v nBtZ cVþci gva`tg GjicR mieivn mmiĖiU`v K`vmþKW t`þK Pjv chš cĖienY Krievi tYĖĖ bĖicĖi elqU ĖteþbveK cVþci gva`tg cĖienYi mgq KtqKiu avþ Ėerfb aiþYi fvj I bĖicĖi WfvBm h³ KiiþZ nBte| D³ WfvBmgþni mvmvþh` Pvc nvmiY I ctqvRb gûþZ mieivn eÜ Krievi I AvZii<sup>3</sup> Pic ckgb Krievi e`e`v_vKtZ nBte| h_v:-

- (K) AþUþPbR I fvi tĖjUi (Auto-Changeover Regulator) :-GB chvþq M`vm mieivn Drm`qsmqvþte LviĖ mmiĖiU`v`þj nBtZ Aþcýgib gR``þj`vbiši (switching) Kiiþe| ZvniQvov GB chvþq c_g arc (First stage) Pvc ckgb nBqv 80-100 ĖGmAvBIR nBtZ 16-18 ĖGmAvBIR-þZ bvgvBqv Avbþe|

(L) D³PPvc **ibivax fvj** (Over pressure shut-off valve): GB chv³q 16 **icGmAvBIR-³Z** th Kvhpvc **ibaviz** **v³K Zvni AvZii³ Pvc c³Bc jvB³b m³AvjZ nB³j D³ fvj f³ qsm³qfv³te eÜ nBqv hvB³te| ZvniQvov ³0Zxq** **avc Pvc ckgb ³i³,³jUi** **nmv³te M³v³mi Kvhpvc 16-18 nB³Z 5 icGmAvBIR-³Z b³wgqv Avb³te;**

(M) **ib³Pvc ib³ivax fvj** (Under pressure shut-off valve): GB fvj³U ZZxq **avc Pvc ckgb ³i³,³jUi** **nmv³te M³vm ³gUv³i³ Av³M³ vcb Kv³i³Z nB³te|** GB chv³q M³vm Pvc³K 5 **icGmAvBIR nB³Z Pvc ckgb Kv³qv 0.5** **icGmAvBIR-³Z b³gvBqv Avb³te| ZvniQvov ³Kvb ³i³avUi Kv³i³Y (³thgb-c³Bc d³Uqv ³tM³j ev ³Q³ nBqv ³tM³j) c³Bc** **jvB³b M³v³mi Pvc 0.5 icGmAvBIR Gi ³ib³P b³wgqv ³tM³j D³nv qsm³qfv³te eÜ nBqv c³Bc M³vm mie³vn eÜ** **Kv³te|**

(N) **ie³QbKiY fvj** (Emergency shut-off Valve) :- **ie³i³s Gi e³nn³i I gR³ U³v³% Gi ³ibKU Ri³ix g³u³Z** **eÜ Kv³iev Rb³ nv³Z ³ie³QbKiY fvj v³K³Z nB³te|**

(O) **Av³B³mv³jkb mvUAd fvj** (Isolation shut-off Valve):- **Av³B³mv³jkb mvUAd fvj c³Bc jvB³bi ³ie³fb** **v³b vcb Kv³i³Z nB³te| ³thgb-Pj³vi Av³M, ³gUv³i³ Av³M, ³i³,³jUi Gi Av³M, ³ivBR³vi Gi v³b, ev c³Bc jvB³bi** **i³i³æ³Z Ges Ri³ix ³g³ivg³Zi c³q³Rb nq Ggb v³b;**

(P) **t³cmvi tMR:- c³Bc Pvc ch³te³Yi Rb³ m³avRbK v³b t³cmvi tMR jvMvB³Z nB³te;**

20| **f³vc³ivBR³vi (vaporiser)|- U³vsK/³mvj³Üvi³, "Q h³ Lipuid Off Take (LOT) c³x³Z m³u³b nq Zvni nB³j gR³** **U³vsK ev ³mvj³Üvi³, "Q Gi ci vaporizer vcb Kv³i³Z nB³te| ZvniQvov h³ AZ³š V³Üv Av³enlqv (10 t³mvUt) Gi t³Y³Î** **ev Gj³ic³R ev³ú e³en³ti³ c³igv³Yi nvi D³ni ev³úx³fe³bi nv³i³ P³vB³Z tek³ nq t³mB³Y³Î vaporizer vcb Kv³i³Z** **nB³te|**

21| **jvB³m³YKZ c³v³Y³ t³Kvb³ NUBv, AmKvÜ A³ev ³ie³ÜviY N³U³t³j Ges t³mB³ NUBvq Rxebb³vk ev e³ü³ A³ev m³ü³Ëi fq³%i ³Y³Z** **nB³j Zvni ³ibKUZg g³ü³R³÷U ³Ksev ³ibKUZg v³bvi f³vic³B A³dmvi³K Ges carb ³ie³ÜviK ci³kk, ev³jv³tk, X³iv³-³K** **m³æ³ev³ ZZg c³švq A³enZ Kv³i³Z nB³te|**

22| **Zi³jxKZ t³c³U³mvj³qv M³vm (Gj³ic³R) ³ie³agj³v, 2004 Gi ³ie³a 124 t³Z D³ijøLZ KgKZv³K jvB³m³YKZ c³v³Y³ mKj** **h³ü³m³Z mg³t³q c³tek Kv³i³Z v³te Ges ³ie³avb³ej³ I jvB³m³Yi kZ³vej³ h³vh³ fv³te c³vjb Kv³i³ nB³Z³Q Kx b³v ³ib³ic³Yi** **Rb³ D³ KgKZv³K mKj m³h³M-m³ie³av v³te nB³te|**

23| **Zi³jxKZ t³c³U³mvj³qv M³vm (Gj³ic³R) gR³ c³v³Y³ h³nv³Z Abb³gv³z t³Kvb e³ü³ c³tek b³v Kv³i³Z c³v³i t³mB³ v³teK h³ü³ó** **mZKZv Ae³jb Kv³i³Z nB³te|**

dig-U

[iea 170 `óe']

Gj³ic³R ³id³q³js t³÷k³bi ³ib³vc³Ëv h³P³v Ges c³ix³Y QK

1| M³vmv³viUi M³q³ Drc³v³bKvix c³iZôvb, ³µgK b³æi, c³ix³Y ZwiL, av³YygZv

BZ³v³ m³avjZ WUv t³çU msh³ Av³Q Kx b³v

☐

2| M³vmv³viU Dch³ ³if³Zi Dci vcb Kv³i³ nBqv³Q Kx b³v Ges

³if³Zi PZi³ K Nm, AveRb³ BZ³v³ Av³Q Kx b³v

☐

3| Gj³ic³R c³v³üi evBcvm fvj f³ ijK id I fvj Ae³vq Av³Q Kx b³v

☐

4| Ri³æix eÜKiY mBP c³iZ³Y³Î Avj³ vfv³te Kv³h³yg Kx b³v

☐

5| vcbiq cKZfv³teB M³vm ³ibtmiY h³P³v Kv³i³ nBqv³Q Kx b³v

☐

- | | | |
|----|---|--------------------------|
| 6 | Wm#cYv#ii #nvm c#Bc, #c#em Ges #MR #bivc` Ae`vq Av#Q Kx bv | ☐ |
| 7 | m#er"P ciY Pvc Ab#g#`Z m#gvi g#a` (250 #cGmA#B) Av#Q Kx bv | ☐ |
| 8 | gR` Avav#ii Mv#q msh <sup>3</sup> Pvc ckgb fvj f Ab#g#`Z ai#bi I K#hKi Kx bv | ☐ |
| 9 | Riæix eÜKiY fvj f K#hKi Av#Q Kx bv | ☐ |
| 10 | Avav#ii Mv#q msh ³ Z#c I Pvc c#igvcK M`vR, #j m#VKfv#e K#R K#i Kx bv | ☐ |
| 11 | mZKevY/cZ#K `k#g#b `v#b h#_vch ³ fv#e c`#kZ Av#Q Kx bv | ☐ |
| 12 | c#%Y#U c#i@vi c#i"Qb I msi#yZ Ges c#ek #bq#SZ Kx bv | ☐ |
| 13 | M`vm MÜh ³ Kiv nBqv#Q Kx bv | ☐ |
| 14 | c#i`kb mb` c#v#%Y c`#kZ Kx bv | ☐ |
| 15 | #b#`ó mgq Aši Aši #bivc#v h#P#B jM eB#q msi#yY Kiv nq Kx bv | ☐ |

dig-V
[#eia 170 `óe`]
Gj#ciR #÷kb c#i`kb m#p#š mb`

..... Gj#ciR #÷k#bi Rb" ZwiL nB#Z..... chŠ 24 gym
#gqv#` GB mb` Rvix Kiv nBj|

..... `v#b Gj#ciR `vcb#U KZK c#i`kb Kiv nBqv#Q| `vcbvi miÄvg#` Ges K#h#ug #bivc` |

c#i`kbKvixi bvg, c`ex I `vj#i

dig-W
[#eia 170 `óe`]

Gj#ciR #id#q#js #÷kb c#i`kb #PK #j÷

- | | | | |
|---|-----------------------|-----------------------------------|--------------------------|
| 1 | ms#h#M M`vm c#Bc j#Bb | #Q` | ☐ |
| | | #MR | ☐ |
| | | Ÿq | ☐ |
| 2 | Kg#c#vi #eóbx | ôc#ek #b#la#ms#KZ | ☐ |
| | | agc#b #b#la cZ#K | ☐ |
| | | `qs#µqfv#e P#j nIqvi mZK ms#KZ | ☐ |
| | | #ec ³ /bK ms#KZ | ☐ |
| | | c#iP#jb c#x#Z | ☐ |
| | | e#vZ Ges mBP | ☐ |
| | | Ÿ#ZKi c`v_ g ³ | ☐ |
| | | m#i#yZ #eóbx | ☐ |
| 3 | Kg#c#vi | M`vm #btmiY nq Kx bv | ☐ |
| | | ckgb fvj f #mjKiY I #mjKi#Yi ZwiL | ☐ |
| | | #bivc#v miÄvg#`i mi#yvi e`e`v | ☐ |
| | | #MR | ☐ |
| | | %e`#ZK #ev#Wi mi#yvi e`e`v | ☐ |

		cBc jvBb I cBc jvBbi aviKi (Bracket) Ae ⁻ v	☐	
		MW (Guards)		☐
		eÜKiY Pvc		☐
		M'vm ibtmîY (e ⁻ e Ae ⁻ vi tciyZ Pvj Kgçmvi		☐
		Gi †fU cBc Gi ibtmîY hPvB I Dnvi Ašf ³)		
4	gR†`i aviYcvi	M'vm ibtmîY	☐	
		ckgb fvf mjkîY I mjkîYi ZwiL	☐	
		†MR		☐
		mKj aviK teóbi (Bracket) miyvi e ⁻ e ⁻ v	☐	
		fj f (Ae ⁻ v/KvhÿgZv)	☐	
		†eób/`iRv	☐	
		agcib ib†la m†KZ	☐	
		c†ek ib†la m†KZ		☐
		ÿq		☐
		Pvc cix†Yi ZwiL	☐	
5	gL" eÜKiY fvf	M'vm ibtmîY	☐	
		Ae ⁻ v KvÿgZv		☐
		cZiK iPý	☐	

18| GB m†kvab†Z †h mg⁻ †eia e⁻vZj Kiv nq bvb D³ †elai µgK c†ieiZZ A⁻ev envj µgK †nmv†e envj _v†K†e Ges D³
†eia, †ji minZ m†kó †elai Zd†mj I digm†n mvgÄm†cY c†ieZb nB†e|