

AP - 9

APPROVALS

YEAR(S):

2011-2012

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, November 06, 2012 4:41 PM
To: Jason Henry (JHenry@paalp.com)
Cc: Leking, Geoffrey R, EMNRD; Jeffrey P Dann (jpdann@paalp.com)
Subject: Anticipated Actions Approval (2011 Report) (AP-009) - Plains HDO-90-23 Release Site

**RE: Annual Monitoring Report (2011) for the Plains Marketing's
HDO-90-23 Release Site (AP-009)
Unit C, Section 6, T20S, R37E, NMPM, Lea County, New Mexico
Anticipated Actions Approval**

Dear Mr. Henry:

The New Mexico Oil Conservation Division (OCD) has received Plains' report (including proposed "Anticipated Actions") the above-referenced site (dated March 2012). The above-referenced report, submitted in partial fulfillment of 19.15.30.19 NMAC (Rule 30.19, formally, Rule 19.K), indicates that Plains has partially met the requirements of 19.15.30.9 NMAC for this site. Therefore, the OCD hereby approves the Anticipated Actions for the HDO-90-23 Release Site.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Tuesday, November 15, 2011 2:45 PM
To: 'Jason Henry'
Cc: Leking, Geoffrey R, EMNRD; 'Jeffrey P Dann'
Subject: Anticipated Actions Approval (AP-009) - Plains HDO 90-23 Release Site

**RE: Annual Monitoring Report (2010) for the Plains Marketing's
HDO-90-23 Release Site (AP-009)
Unit C, Section 6, T20S, R37E, NMPM, Lea County, New Mexico
Anticipated Actions Approval**

Dear Mr. Henry:

The New Mexico Oil Conservation Division (OCD) has received Plains' report (including proposed "Anticipated Actions") the above-referenced site (dated March 2011). The above-referenced report, submitted in partial fulfillment of 19.15.30.19 NMAC (Rule 30.19, formally, Rule 19.K), indicates that Plains has partially met the requirements of 19.15.30.9 NMAC for this site. Therefore, the OCD hereby approves the Anticipated Actions for the HDO-90-23 Release Site.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Monday, September 12, 2011 1:32 PM
To: 'Jason Henry'
Cc: Leking, Geoffrey R, EMNRD; 'Jeffrey P Dann'
Subject: 12-hour Mobile Dual Phase Extraction (MDPE) Event Approval (AP-009) - Plains HDO 90-23 Release Site

**RE: 12-hour Mobile Dual Phase Extraction (MDPE) Event Approval
for the Plains Marketing, L.P.
HDO 90-23 Release Site (AP-009)
Unit Letter C of Section 6, T20S, R37E, NMPM, Lea County, New Mexico**

Dear Mr. Henry:

The New Mexico Oil Conservation Division (OCD) has received the workplan for a 12-hour Mobile Dual Phase Extraction (MDPE) Event, dated September 12, 2011, (including the unit specifications, dated May 3, 2011) for the above-referenced site, and has conducted a review of the plan. The plan substantially meets the requirements of 19.15.30 NMAC. Therefore, the OCD hereby conditionally approves the workplan:

Plains must submit to the OCD the event report within 45 days upon event completion.

Please be advised that OCD approval of this workplan does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

From: Jason Henry [<mailto:JHenry@paalp.com>]
Sent: Monday, September 12, 2011 8:32 AM
To: Hansen, Edward J., EMNRD
Subject: Mobile Dual Phase Extraction event at 1 Plains' site in Lea Co., NM

Ed,

Plains respectfully requests NMOCD approval to conduct a 12-hour Mobile Dual Phase Extraction (MDPE) event at the following site:

•HDO 90-23 (AP-009)

The fluids generated during the course of the MDPE event will be transported off-site with a vacuum truck for proper disposal.

Plains will submit a report to the NMOCD summarizing the data collected at this site during the MDPE event.

Please let me know if you have any questions or need more information.

Thank you,
Jason Henry
575-441-1099

Hansen, Edward J., EMNRD

From: Jason Henry [JHenry@paalp.com]
Sent: Tuesday, May 03, 2011 1:01 PM
To: Hansen, Edward J., EMNRD
Subject: Talon MDPE unit for Plains' sites
Attachments: IMG_0174.jpg; IMG_0175.jpg; VLR SMV 500 spec sheet.pdf

Ed,

Please see the information below regarding the components of the Talon MDPE unit. I've tried to forward the attachments that were included with the original e-mail as well.

Please let me know if you need more information than provided below and I'll try to track it down.

Thank you,
Jason Henry
575-441-1099

Information provided by Talon MDPE Program Manager:

Attached are some pics of the VAC100 unit based out of our Amarillo office and the spec sheet for the vapor extraction pump (VLR500-60 Hz) it utilizes. Below are the highlights of what this unit is capable of:

- VAC100 Thermtec thermal oxidizer. Rated for the destruction of 1000 cfm @ 80% LEL. Which equates to ~172.96 lbs/hr of gasoline.
- VLR500 Reitschle Claw blower generating up to 25" Hg.
- 1000 cfm Centrifical Blower used to introduce dilution air prior to oxidizer entry.
- Air Compressor with 60 gallon tank to provide injection air to the bottom of the stingers to aid in lift.
- Moyno 35601 liquid transfer pump
- 6" auto dilution valve and other safeties to ensure extracted soil vapor is destroyed.
- Able to extract from up to 5 wells simultaneously.
- Electrical components powered by a 60 kw diesel generator.
- The oxidizer utilizes either soil vapor or propane to maintain 1410°F.

Respectfully,

Simon I. Walshe

Talon/LPE

MDPE & Waste Program Manager

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Attention:

The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

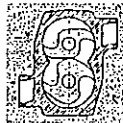
This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

#####

Data

Rietschle Thomas

A Thomas Industries Company



Vacuum pumps

Bombas de vacío

Pompes à vide

Bombas de vácuo

VLR

ZEPHYR

VLR 60

VLR 100

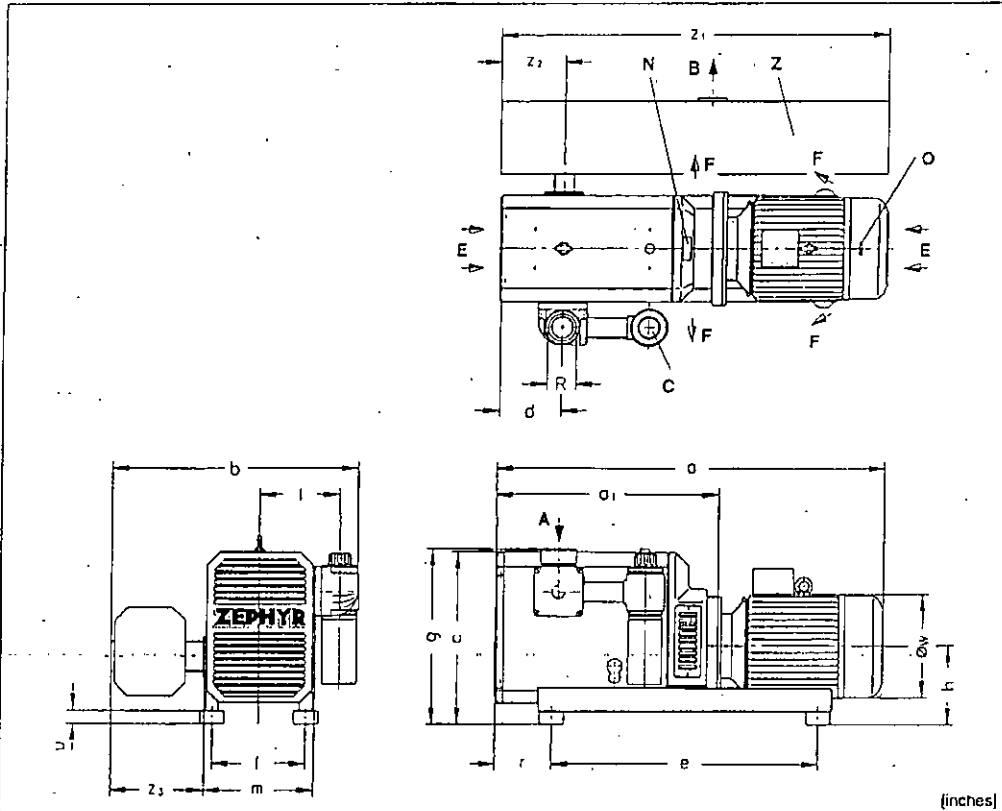
VLR 150

VLR 250

VLR 300

VLR 400

VLR 500



(inches)

A	Vacuum connection	Conexión vacío	Raccord du vide	Conexão do vácuo
B	Exhaust	Escape	Refolement	Exaustão
C	Vacuum regulating valve	Válvula reguladora de vacío	Valve réglage vide	Válvula de regulagem do vácuo
E	Cooling air entry	Entrada aire refrigerante	Entrée air refroidissement	Entrada do ar refrigerante
F	Cooling air exit	Salida aire refrigerante	Sortie air refroidissement	Salida do ar refrigerante
N	Data plate	Placa fecha	Etiquette caractéristique	Placa da data
O	Rotation arrow	Dirección de rotación	Flèche sens rotation	Direção da rotação
Z	Exhaust silencer	Silenciador escape	Silencieux refolement	Silenciador de exaustão

VLR		60	100	150	250	300	400	500
(inches)	a	50 Hz 24.61 60 Hz 24.45	26.02 29.28	32.52 34.76	31.73 35.43	35.08 35.43	41.69 42.05	47.28 43.89
	a ₁	50 Hz 14.45 60 Hz 14.45	15.43 17.60	18.70 20.83	19.13 19.92	19.13 19.92	23.62 26.54	26.93 27.32
	b	14.17	21.26	20.83	28.43	28.43	29.29	30.08
	c	11.42	14.17	14.76	20.67	20.67	20.67	20.67
	d	2.36	3.62	2.28	3.94	3.39	7.76	7.76
	e	9.65	17.32	15.04	28.35	28.35	32.28	32.28
	f	6.30	8.66	6.30	11.42	11.42	11.42	11.42
	g	13.98	14.53	15.39	19.41	19.41	20.94	20.94
	h	5.91	5.91	6.50	9.45	9.45	9.45	9.45
	l	5.43	7.17	6.97	9.25	9.25	9.65	9.65
	m	6.46	10.24	10.00	13.39	13.39	13.39	13.39
	r / u	4.21 / 0.59	3.03 / 0.59	4.56 / 1.18	4.37 / 1.57	4.37 / 1.57	7.05 / 1.57	7.05 / 1.57
	ow	50 Hz 7.28 60 Hz 7.95	6.93 6.62	7.72 7.88	8.66 9.57	9.68 9.57	9.68 9.57	12.28 11.47
	z ₁	10.83	25.59	25.59	39.37	39.37	39.37	47.24
	z ₂ / z ₃	2.36 / 4.72	3.94 / 7.68	3.94 / 7.68	3.15 / 10.63	3.15 / 10.63	3.15 / 10.63	7.87 / 11.42
	R	1" NPT	1 1/2" NPT	1 1/2" NPT	2" NPT	2" NPT	3" NPT	3" NPT

DA 880

1-2-2004

Rietschle Thomas
Hanover Inc.

7222 Parkway Drive

HANOVER, MD 21076
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☎ 410-712-4100

Fax 410-712-4148

E-Mail:

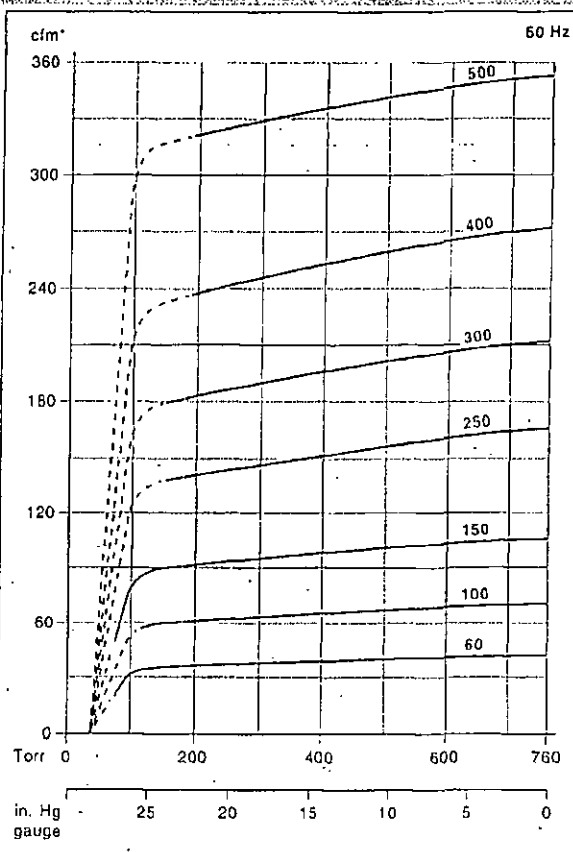
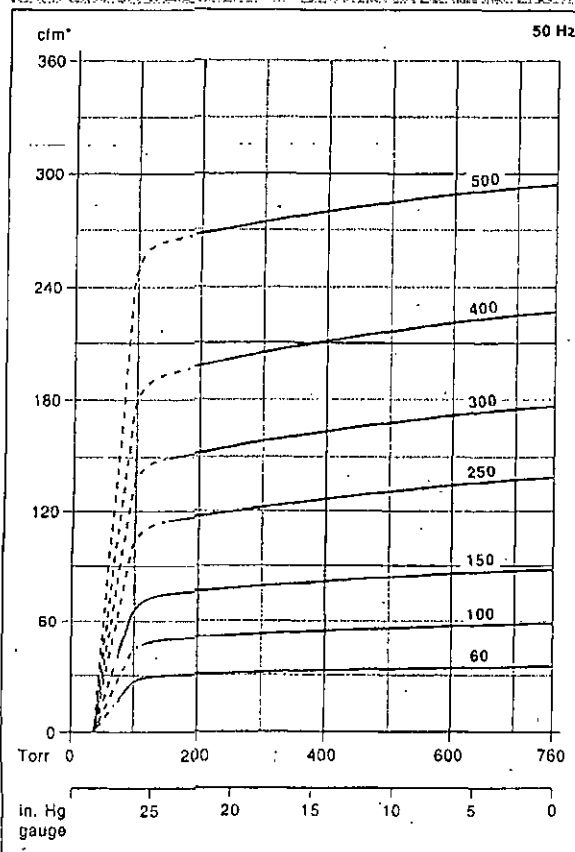
sales@vacuumpumps.com

http://

www.vacuumpumps.com

VLR		60	100	150	250	300	400	500
cfm	50 Hz	35.3	58.9	88.3	138	177	227	294
	60 Hz	42.4	70.6	106	166	212	272	353
P ₁		38 Torr - 28.44 in. Hg (gauge)						
P ₂		75 Torr - 27.0 in.HgV	113 Torr - 25.5 in.HgV	75 Torr - 27.0 in.HgV	150 Torr - 24.0 in. Hg (gauge)	188 Torr - 22.5 in. Hg (gauge)		
3 -	50 Hz	230/400V ± 10%				400/690V ± 10%		
	60 Hz	208-230/460V ± 10%						
kw	50 Hz	1.1	2.2	3.0	4.0	5.5	7.5	9.0
hp	60 Hz	2.0	3.0	5.0	7.5	7.5	10	15
A	50 Hz	4.7/2.7	8.7/5.0	8.7/5.0	14.4/8.3	11.0/6.4	15.0/8.7	19.0/11.0
	60 Hz	#	8.1-7.6/3.8	13.2-12/6.0	21-18.8/9.4	21-18.8/9.4	25-24/12	39-37/18.5
rpm	50 Hz	2850						
	60 Hz	3450						
dB(A)	50 Hz	#	78	#	78	79	82	82
	60 Hz	#	82	#	82	83	84	84
lbs	50 Hz	112	220	276	386	496	551	606
	60 Hz	#	237	304	430	496	565	639
qt		0.4	0.5	0.6	0.9	0.9	0.9	0.9
ZRK / ZVF		25 (03) / 32 (52)	40 (03) / 40 (53)	40 (03) / 40 (53)	50 (03) / 50 (53)	50 (03) / 50 (53)	80 (03) / 100 (51)	80 (03) / 100 (51)
ZMS / ZAD		#	#	#	#	#	#	#

cfm	Capacity	Capacidad	Débit	Capacidade
P ₁	Ultimate vacuum max.	Vacío final máx.	Vide limite max.	Vácuo final máx.
P ₂	Ult. vacuum continuous operation	Vacío final permanente	Vide limite fonctionnement continu	Vácuo final permanente
3-	Motor version	Versión motor	Exécution moteur	Versão do motor
kw / hp	Motor rating	Datos motor	Puissance moteur	Potência do motor
A	Full load amperage	Amperaje de plena carga	Intensité absorbée	Amperagem da carga total
rpm	Speed	Velocidad	Vitesse rotation	Velocidade
dB(A)	Average noise level	Nivel de ruido medio	Niveau sonore moyen	Nível médio de ruído
lbs	Weight	Peso	Poids	Peso
qt	Oil capacity (Gear)	Instrumentos capacidad aceite	Charge d'huile (Engrenage)	Engrenagem da capacidade do óleo
ZRK	Accessories	Accesorios	Accessoires	Acessórios
ZVF	Non return valve	Válvula retención	Clapet anti-retour	Válvula sem retorno
ZMS	Vacuum tight suction filter	Filtro succión hermético	Filtre d'aspiration étanche	Filtro de sucção à prova de vácuo
ZAD	Motor starter	Arranque motor	Disjoncteur moteur	Arranque do motor
ZBZ	Soft starter	Soft starter	Démarrage progressif	Soft starter
	Sound box	Caja de sonido	Caisson insonorisant	Canópia



* Refers to pump inlet conditions. / se refiere a las condiciones de entrada de la bomba. / réfère à l'état régnant à l'aspiration. / refere-se a condições de entrada da bomba.

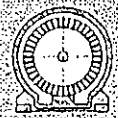
Curves and tables refer to vacuum pump at normal operating temperature. / Las curvas y las tablas se refieren a la bomba de vacío a la temperatura normal de operación. / Les courbes et tableaux sont établies, pompe à température de fonctionnement. / As curvas e tabelas referem-se à bomba a vácuo a temperatura normal de operação.

Technical information is subject to change without notice. / La información técnica está sujeta a cambios sin previo aviso. / Sous réserve de modification technique. / A informação técnica está sujeita a mudança sem aviso prévio.

The listed values for a, b, w and full load amperage may vary because of different motor manufacturers. / Los valores listados para a, b, w y para el amperaje de carga completa pueden variar para distintos fabricantes de motores. / Les dimensions a et b ainsi que l'amperage peuvent différer des données indiquées ci-dessus, selon le fabricant du moteur. / Como variam as fabricantes de motores, poderá haver variação dos valores indicados para a, b, w e para uma amperagem de carga total.

on request # a pedido # sur demande # a pedido

Data



Side channel
vacuum pumps

Bombas de vacío
de canal lateral

Turbine laterale
vide

Bombas de vacío
de canal lateral

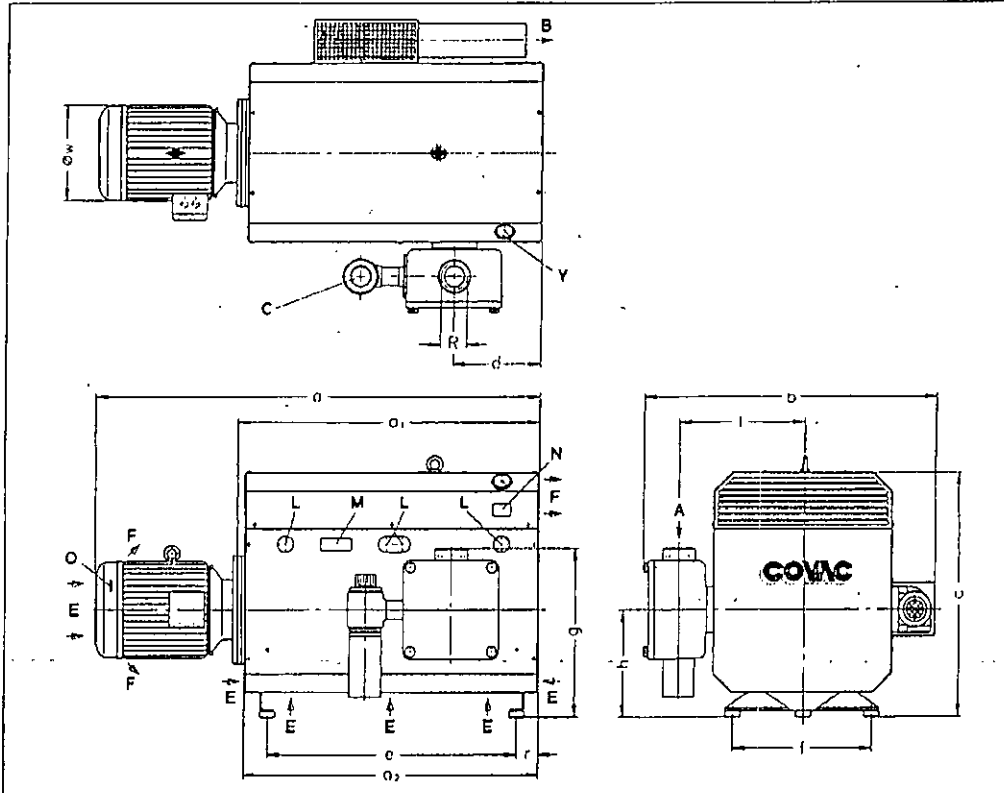
SMV

COVAC

SMV 160

SMV 300

SMV 500



A	Vacuum connection	Conexión vacío	Raccord du vide	Conexão do vácuo
B	Exhaust	Escape	Refoulement	Exaustão
C	Vacuum regulating valve	Válvula reguladora de vacío	Valve réglage vide	Válvula de regulação do vácuo
E	Cooling air entry	Entrada aire refrigerante	Entrée air refroidissement	Entrada do ar refrigerante
F	Cooling air exit	Salida aire refrigerante	Sortie air refroidissement	Saída do ar refrigerante
L	Greasing points	Puntos de engrase	Points de graissage	Pontos de lubrificação
M	Greasing label	Rótulo engrase	Etiquette graissage	Rótulo da lubrificação
N	Data plate	Placa fecha	Etiquette caractéristique	Placa da data
O	Rotation arrow	Dirección de rotación	Flèche sens rotation	Direção da rotação
Y	Vacuum gauge	Calibrador vacío	Vacuomètre	Calibrador do vácuo

SMV		160	300	500
[inches]	a	50 Hz 47.24	47.24	58.82
		60 Hz 47.24	48.30	63.47
	a ₁	50 Hz 31.30	31.30	38.46
		60 Hz 31.73	31.73	40.08
	a ₂	31.38	31.38	38.39
	b	31.69	31.69	37.91
	c	25.67	25.67	31.42
	d	9.41	9.41	11.50
	o	24.88	24.88	32.44
	f	14.25	14.25	19.51
	g	16.89	16.89	22.01
	h	11.22	11.22	13.78
	l	12.95	12.95	16.02
	r	4.06	4.06	2.80
	sw	50 Hz 9.69	9.69	12.28
		60 Hz 9.57	11.47	15.30
	R	2" NPT	2" NPT	3" NPT

DA 561

1-1-99

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Hanover Inc.

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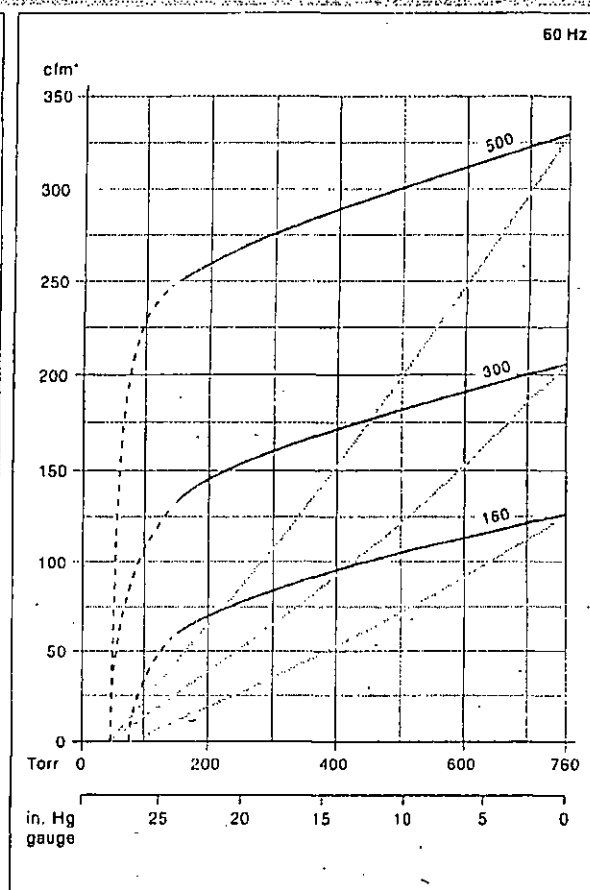
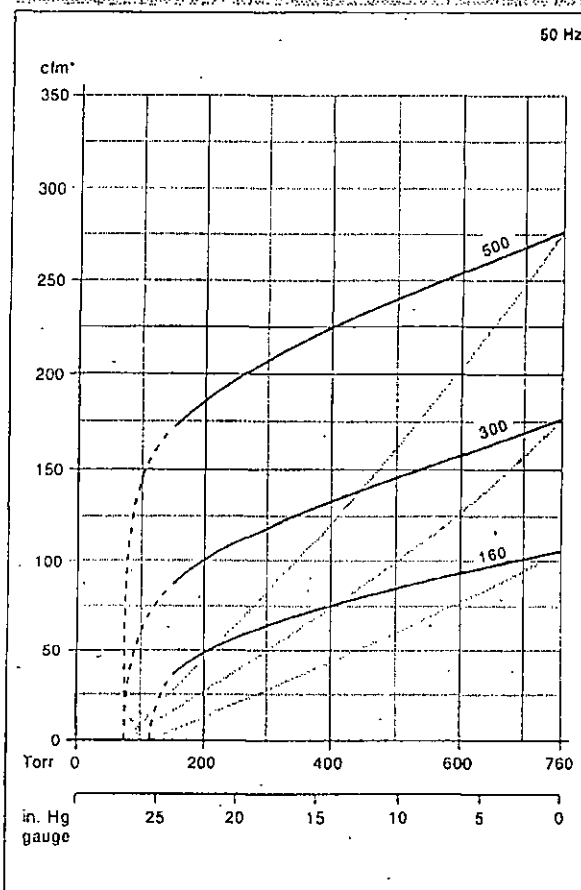
E-Mail:
seles@vacuumpumps.com

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www.vacuumpumps.com

SMV		160	300	500
cfm	50 Hz	106	177	277
	60 Hz	127	206	330
p		150 Torr - 24.0 in. Hg (gauge)		
3~	50 Hz	400/690V $\pm 10\%$		
	60 Hz	208-230/460V $\pm 10\%$		
kw	50 Hz	5.5	7.5	15.0
hp	60 Hz	10	15	25
A	50 Hz	11.5/6.6	18.5/10.7	30.4/17.5
	60 Hz	25.24/12	39.37/18.5	62/31
rpm	50 Hz	2920		
	60 Hz	3450		
dB(A)	50 Hz	78	78	82
	60 Hz	84	84	86
lbs	50 Hz	445	463	842
	60 Hz	466	551	978

ZRK		50 (03)	50 (03)	80 (03)
ZMS		#	#	#

cfm	Capacity	Capacidad	Débit	Capacidade
p	Ultimate vacuum for	Vacío final permanente	Vide limite	Vácuo final permanente
3~	continuous operation		en fonctionnement continu	
kw / hp	Motor version	Versión motor	Exécution moteur	Versão do motor
A	Motor rating	Datos motor	Puissance moteur	Potência do motor
	Full load amperage	Amperaje de plena carga	Intensité absorbée	Amperagem da carga total
rpm	Speed	Velocidad	Vitesse rotation	Velocidade
dB(A)	Average noise level	Nivel de ruido medio	Niveau sonore moyen	Nível médio de ruido
lbs	Weight	Peso	Poids	Peso
	Accessories	Accesorios	Accessoires	Accessórios
ZRK	Non return valve	Válvula retención	Clapet anti-retour	Válvula sem retorno
ZMS	Motor starter	Arranque motor	Disjoncteur moteur	Arranque do motor



— Relates to pump inlet conditions./ se refiere a las condiciones de entrada de la bomba./ relatif à l'état régnant à l'aspiration./ refere-se a condições de entrada da bomba.

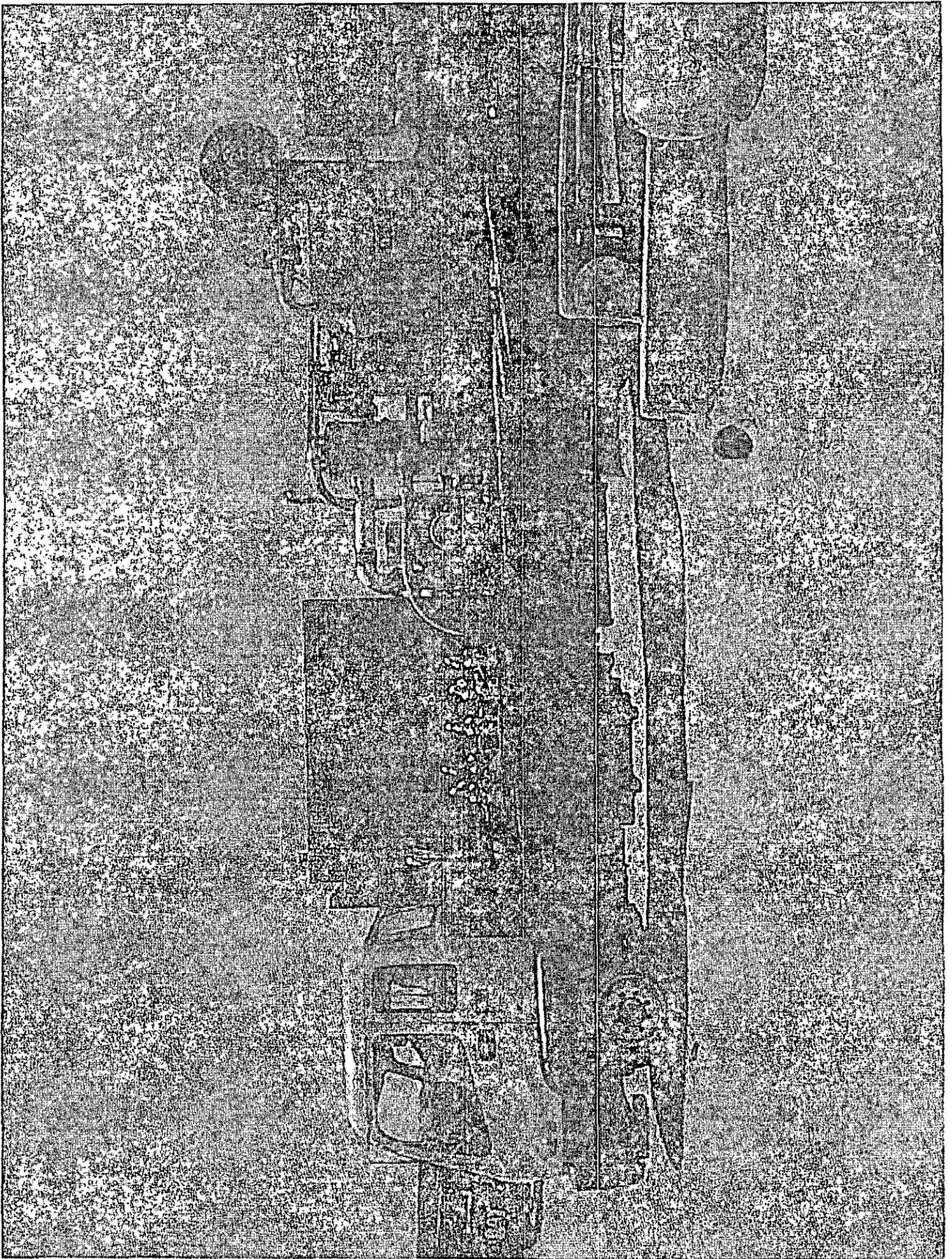
..... Relates to atmospheric conditions./ se refiere a las condiciones de atmosfera./ relatif à l'état régnant de l'atmosphère./ refere-se a condições de atmosfera.

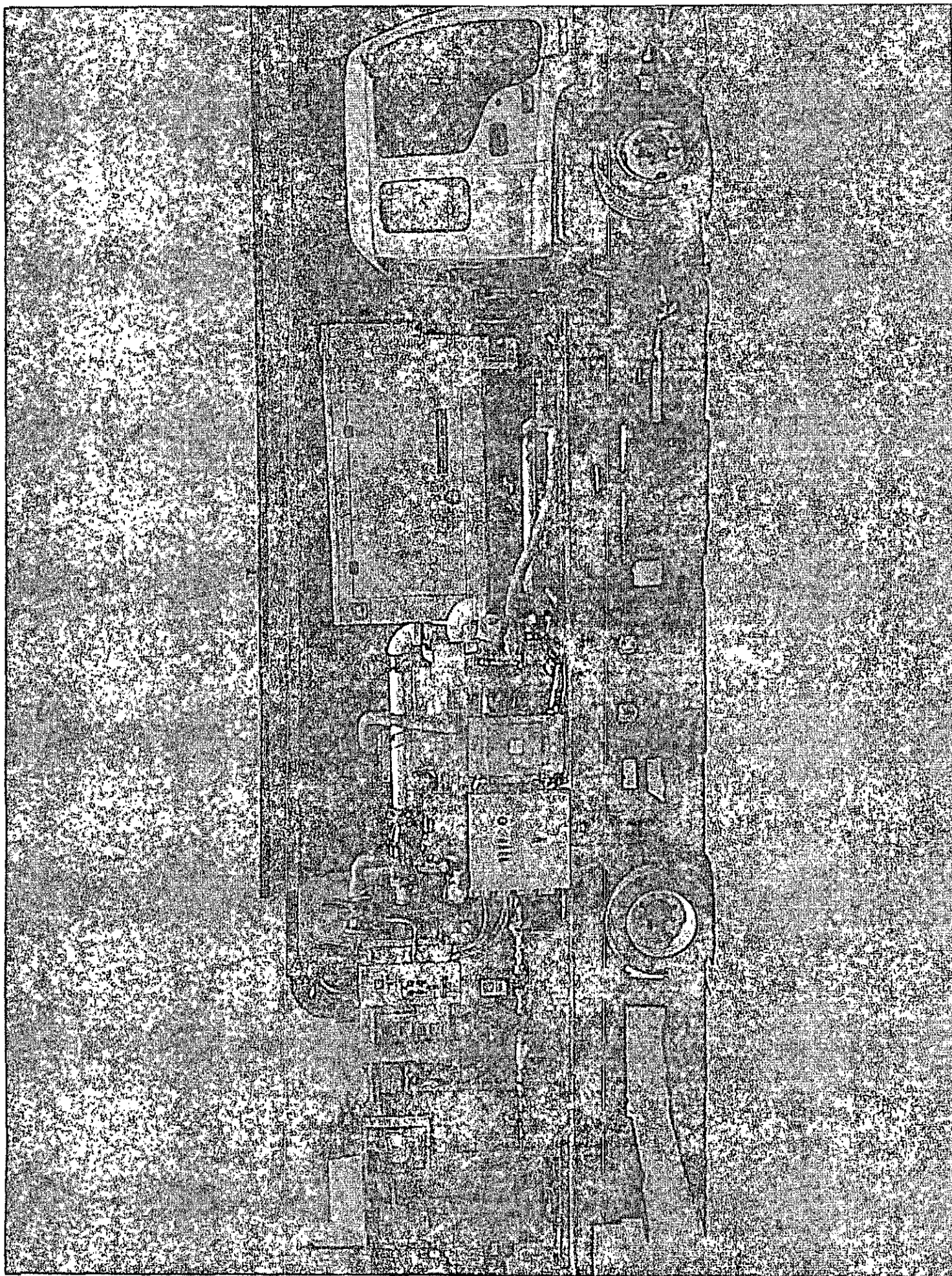
Curves have a tolerance of $\pm 10\%$./ Las curvas tienen una tolerancia de $\pm 10\%$./ Les courbes ont une tolérance de $\pm 10\%$./ As curvas têm uma tolerância de $\pm 10\%$.

Technical information is subject to change without notice./ La información técnica está sujeta a cambios sin previo aviso./ Sous réserve de modification technique./ A informação técnica está sujeita a mudança sem aviso prévio.

The listed values for a, p and full load amperage may vary because of different motor manufacturers./ Los valores listados para a, p y para el amperaje de carga completa pueden variar para distintos fabricantes de motores./ Les dimensions a et p ainsi que l'amperage peuvent différer des données indiquées ci-dessus, selon le fabricant du moteur./ Como variam os fabricantes de motores, poderá haver variação dos valores indicados para a, p e w para uma amperagem da carga total.

on request # on pedido # sur demande # a pedido





Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Thursday, September 08, 2011 4:26 PM
To: 'Jason Henry'
Cc: Leking, Geoffrey R, EMNRD; 'Jeffrey P Dann'; Ron Rounsaville
Subject: Soil Evaluation Report Approval (AP-009) - Plains HDO 90-23 Release Site

**RE: Soil Evaluation Report for the Plain Marketing's
HDO 90-23 Release Site (AP-009)
Unit Letter C of Section 6, T20S, R37E, NMPM, Lea County, New Mexico
Soil Evaluation Report Approval**

Dear Mr. Henry:

The New Mexico Oil Conservation Division (OCD) has received Plains' report for the first soil evaluation for the above-referenced site, dated August 25, 2011, (received September 7, 2011). The above-referenced report, submitted in partial fulfillment of 19.15.30.19 NMAC (Part 30.19, formally, Rule 19.K), indicates that Plains has partially met the requirements of 19.15.30.9 NMAC for this site. Therefore, the OCD hereby conditionally approves the Soil Evaluation Report for the HDO 90-23 Release Site:

Plains must install a soil boring at least 40 feet bgs in June or July of 2011. The soil boring must be located within 20 feet of MW-2. Soil samples at 5-foot intervals from the boring must be analyzed for TPH and the analytical results must be submitted to the OCD within 60 days of the installation.

Plains must install a soil boring at least 40 feet bgs in November or December of 2012. The soil boring must be located within 20 feet of MW-2. Soil samples at 5-foot intervals from the boring must be analyzed for TPH and the analytical results must be submitted to the OCD within 60 days of the installation.

The Plains HDO 90-23 Release Site is still active under Abatement Plan, AP-009, and groundwater monitoring, further groundwater contamination delineation if warranted, and groundwater remediation must continue at the Plains HDO 90-23 Release Site.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Thank you for your cooperation in this matter. If you have any questions regarding this matter, please contact at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau