



**All Round
Supplies®**



UTILITY LINK

Issue 1, Jan - Feb 2006

Our Newsletter

From January 2006 All Round Supplies has a newsletter "Utility Link". Released every two months Utility Link will contain news and information relevant to the level 1 and level 2 Accredited Service Providers (ASP's) in New South Wales. You will find notices of updates to existing network standards, new standard releases and technical bulletin issues.

There will also be product profiles and updates listing the latest items added to the ever increasing range. This newsletter is designed to help keep ASP's up to date and informed.

Happy New Year

Everyone at All Round Supplies would like to take this opportunity in this, our first ever newsletter to thank all of our customers for their support in 2005. We would also like to wish everyone a happy and safe 2006.

We look forward to working with you all in the new year and into the future.

Inside this issue:

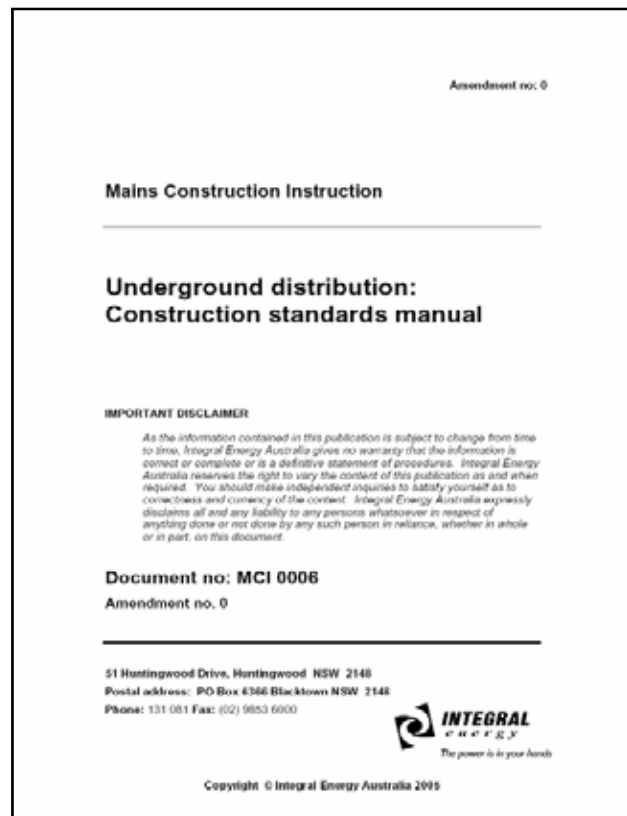
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Integral Energy New Underground Construction Manual

Integral Energy has issued a new underground distribution construction manual MCI 0006. The following points are taken from Integral Energy's technical bulletin TB-0020.

1. As from 29 November 2005, MCI 0006 has been available on the ASP website.
2. Hard copy manuals are being printed and should be available for purchase in January or February 2006 from Integral Energy.
3. All underground work commencing (or in progress) after 29 November 2005 shall comply with the new manual, where the design permits.
4. All new designs started after 29 November 2005 shall take into consideration the new design and construction requirements covered in this standard.
5. A grace period for changeover will be permitted for existing completed designs up until 1 February 2006. Older designs not constructed by this date will need to be redesigned if they do not comply with MCI 0006.

ASPs should review the entire document as there are minor changes in various areas.





Integral Energy Substation Floating Cable Support Clamp



Substation floating cable support clamp (ARS stockcode 03375)

With the release of Integral Energy's new underground distribution construction manual floating cable supports will now be required for some substation terminations. The floating clamp is required where the distance from the crutch of the breakout on the 3 core cable, to the cable supports in the base of the switchgear exceeds 1200mm. The cable clamps are 2 piece plastic clamps and are supplied with nitrile rubber inserts to protect the cable.

Refer to Integral Energy MCI 0006 section 6.2.3.2 for more information regarding the floating cable support clamp.

Purpose Built Cable Trailer Put To Work

The newest member of the All Round Supplies fleet , a specially designed cable trailer is now available as part of our truck hire service.

This purpose built cable trailer now makes it possible for us to bring more than one drum of cable to site at a time. If both low voltage 240mm² 4c Al and 3c medium voltage cables are being installed the MV cable is loaded on the truck with up to three 500m drums of LV cable on the trailer.

A great feature of the new trailer is that it has the ability to carry three drums of 1c 11kV cable at the same time. This for example gives contractors installing 1c EPR tails in the Energy Australia network area the ability to pull all three phases at once.

The quantity of different cables that can be carried on the trailer will vary due to the weight of each cable.

All of the trailers' cable cradles have been designed so they can be mounted in two positions allowing cable to be pulled either off the back or from either side of the trailer depending on site access.

Utilising the All Round Supplies cable truck (Big Blue) along with our new trailer will save time, and with more cable brought to site the hire time could also be reduced saving money.



3 x 1core 11kV EPR cables being pulled off the side of the cable

The hire cost of the trailer is included in the normal charge of the cable truck, there is no additional charge for the trailer. For details of truck hire or to check the availability of the cable truck please contact All Round Supplies.



Recent Integral Energy Technical Bulletin Releases

Feb 08, 2006	TB 0020A	Amendment to MCI 0006
Dec 09, 2005	TB 0020	Underground distribution construction standards manual - MCI 0006 now available
Nov 19, 2005	TB 0019	Retrofit of old padmount substations with new ABB Safelink HV switchgear
Oct 19, 2005	TB 0018	Mains-to-mains connections on low voltage aerial bunched cables
Oct 19, 2005	TB 0011A	Fitting of pole steps to 14m poles

All technical bulletins issued by Integral Energy are available on the ASP website.

Recent Integral Energy Network Standards Updates

Amendments

MMI003	Routine structural inspection of streetlight columns and LV pillars
SMI100	Minimum requirements for maintenance of transmission and zone substation equipment
SMI154	Reactors
MCI0002	Attachment of broadband and communication cables to Integral Energy poles

Drawings

078520	BCC cable installation near service mains
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All network standards updates issued by Integral Energy are available on the ASP website.

Recent Energy Australia Network Standards Advice

Dec 19, 2005	NSA1374	Amendments to Energy Australia's network standard NS 114, Electrical design and construction standards for chamber type substations, April 2005.
Dec 09, 2005	NSA1372	Amendments to Energy Australia's electrical safety rules, January 2003.
Nov 08, 2005	NSA1371	Amendments to Energy Australia's electrical safety rules, January 2003.
Nov 03, 2005	NSA1370	Amendments to Energy Australia's network standard NS 127, Specification for low voltage cable joints and terminations, February 1998.
Nov 02, 2005	NSA1369	Amendments to Energy Australia's network standard NS 0156, Working near or around underground cables, July 1998.
Nov 01, 2005	NSA1367	Amendments to Energy Australia's network standard NS 0124, Specification for overhead service connections (100-400 amps), June 2005.

All NSA documents issued by Energy Australia are available on their website.

Recent Energy Australia Customer Installation Advice

Feb 02, 2006	CIA 1288A	Amendments to Electricity Network Operation Standards, July 2004 (ENOS)
Jan 13, 2006	CIA1303	Amendments to ES 3, Metering installations, June 2004
Dec 22, 2005	CIA1291	New edition of ES 9, Agreement for connection of developments, 01 November 2005
Nov 07, 2005	CIA1302	Amendments to ES 3, Metering installations, June 2004

All CIA documents issued by Energy Australia are available on their website.



New Products Available From All Round Supplies

Country Energy Approved Products

<i>ARS</i>	<i>Utility Stockcode & Description</i>	<i>ARS</i>	<i>Utility Stockcode & Description</i>
03399	207120, Surge Diverter, 11kV polymeric c/w lead	03363	285450, Boot, 11kV 240mm2 inline roll on
03398	232535, Stalk lug, 240mm2 bi-metal 16mm Cu stalk	03362	285420, Boot, 11kV 95mm2 inline roll on
03397	232507, Stalk lug, 185mm2 bi-metal 16mm Cu stalk	03361	285857, Term kit LV 240mm2 4c UG/OH
03396	115970, Termination plate, tinned Cu	03360	286075, Term kit 11kV 95-240mm2 3c XLPE outdoor
03395	222345, Tube connector, 16mm dia Cu	03359	286055, Term kit 11kV 25-70mm2 3c XLPE outdoor
03355	285875, Inline joint, 11kV 35-95mm2 3c XLPE	03358	285970, Term kit 11kV 25-70mm2 3c XLPE indoor
02893	285885, Inline joint, 11kV 95-240mm2 3c XLPE	03356	285980, Term kit 11kV 95-240mm2 3c XLPE indoor
03140	286600, Pit, round service 300mm dia x 600mm	03141	114975, Lid, concrete 390mm round electricity

Energy Australia Approved Products

<i>ARS</i>	<i>Utility Stockcode & Description</i>	<i>ARS</i>	<i>Utility Stockcode & Description</i>
03377	99119, Crossarm brace type H1	03376	175841, Crossarm, wood 100 x 100 x 1050
03344	177725, Compression link 400mm2 Al	03341	H12568, Service take off bracket
03343	177739, Compression link 500mm2 Al/300mm2 Al	03338	H39281, Eye nut, M12 galv steel

Integral Energy Approved Products

<i>ARS</i>	<i>Description</i>	<i>ARS</i>	<i>Description</i>
03385	Plinth, steel size 14/16	03375	Substation floating cable clamp
03367	Luminaire, 80W urban aero c/w MV lamp	03364	Luminaire, 150W Roadster c/w MH lamp

Welcome Dave Selke, Branch Manager - Prestons

Dave has taken on the role as Branch Manager at our Prestons branch which will include the supply of all materials from our Prestons branch and taking cable delivery bookings for "Big Blue". Dave is a qualified electrician who is used to working in the demanding electrical contracting market. Call Dave on 02 9826 9416 and his team at Prestons will strive to satisfy your electrical infrastructure needs.



Contact us

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All Round Supplies is your one-stop-shop for electrical infrastructure materials.

We offer a comprehensive range of electrical construction materials for Level 1 and Level 2 Accredited Services Providers.

We stock high voltage and low voltage overhead and underground products, including a full range of associated accessories and components from the smallest nut to the largest pole.