Rule 2.7, 3.10.3, 3.10.4, 3.10.5

## Appendix 3B

## New issue announcement, application for quotation of additional securities and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

 $Introduced\ 1/7/96.\ Origin: Appendix\ 5.\ Amended\ 1/7/98,\ 1/9/99,\ 1/7/2000,\ 30/9/2001,\ 11/3/2002,\ 1/1/2003,\ 24/10/2005.$ 

Name	of entity	
Hans	en Technologies	
ABN		
90 09	90 996 455	
We (	the entity) give ASX the following i	information.
_	t 1 - All issues oust complete the relevant sections (attach si	heets if there is not enough space).
1	<sup>+</sup> Class of <sup>+</sup> securities issued or to be issued	Unlisted share options
2	Number of +securities issued or to be issued (if known) or maximum number which may be issued	750,000
3	Principal terms of the *securities (eg, if options, exercise price and expiry date; if partly paid *securities, the amount outstanding and due dates for payment; if *convertible securities, the conversion price and dates for conversion)	Options issued in accordance with the company's Employee Option Plan, vesting 1st July 2014 & expiring 1st July 2016, with exercise prices of  • \$0.95 for 250,000 options  • \$1.00 for 250,000 options  • \$1.05 for 250,000 options

<sup>+</sup> See chapter 19 for defined terms.

4 Do the \*securities rank equally in all respects from the date of allotment with an existing \*class of quoted \*securities?

No – deferred until the options are exercised in accordance with the Employee Option Plan rules.

If the additional securities do not rank equally, please state:

- the date from which they do
- the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment
- the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment
- 5 Issue price or consideration

Nil

6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)

Options issued in accordance with the company's Employee Option Plan.

7 Dates of entering \*securities into uncertificated holdings or despatch of certificates

1 December 2011

Number and +class of all +securities quoted on ASX (*including* the securities in clause 2 if applicable)

Number	+Class
156,697,163	Fully paid, Ordinary shares

[

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<sup>+</sup> See chapter 19 for defined terms.

		Number	+Class		
9	Number and *class of all *securities not quoted on ASX ( <i>including</i> the securities in clause 2 if applicable)	2,890,000	Options issued pursuant to		
			Employee Option Plan		
10	Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)	Right to dividend defe exercised	erred until options are		
Part	Part 2 - Bonus issue or pro rata issue				
11	Is security holder approval required?	N/A			
12	Is the issue renounceable or non-renounceable?	N/A			
13	Ratio in which the <sup>+</sup> securities will be offered	N/A			
14	<sup>+</sup> Class of <sup>+</sup> securities to which the offer relates	N/A			
15	<sup>+</sup> Record date to determine entitlements	N/A			
16	Will holdings on different registers (or subregisters) be aggregated for	N/A			
	calculating entitlements?				
17	Policy for deciding entitlements in relation to fractions	N/A			
18	Names of countries in which the entity has *security holders who will not be sent new issue documents	N/A			
	Note: Security holders must be told how their entitlements are to be dealt with.				
	Cross reference: rule 7.7.				
19	Closing date for receipt of	N/A			

acceptances or renunciations

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<sup>+</sup> See chapter 19 for defined terms.

## Appendix 3B New issue announcement

		<u> </u>
20	Names of any underwriters	N/A
21	Amount of any underwriting fee or	N/A
	commission	
22	Names of any brokers to the issue	N/A
23	Fee or commission payable to the	N/A
	broker to the issue	
24	Amount of any handling fee	N/A
	payable to brokers who lodge	
	acceptances or renunciations on behalf of *security holders	
	benan of security holders	
25	If the issue is contingent on	N/A
20	+security holders' approval, the	14/11
	date of the meeting	
26	Date entitlement and acceptance	N/A
	form and prospectus or Product Disclosure Statement will be sent to	
	persons entitled	
	persons entitles	
27	If the entity has issued options, and	N/A
	the terms entitle option holders to	
	participate on exercise, the date on	
	which notices will be sent to option holders	
	holders	
28	Date rights trading will begin (if	N/A
	applicable)	
29	Date rights trading will end (if	N/A
	applicable)	
30	How do *security holders sell their	N/A
	entitlements in full through a	- "
	broker?	
31	How do +security holders sell <i>part</i>	N/A
	of their entitlements through a broker and accept for the balance?	
	oroxer and accept for the barance.	

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<sup>+</sup> See chapter 19 for defined terms.

32	of the	do *security holders dispose ir entitlements (except by sale th a broker)?	N/A
33	<sup>+</sup> Desp	atch date	N/A
		uotation of securitie	
34	Type (tick o	of securities  me)	
(a)		Securities described in Part 1	
(b)		-	of the escrowed period, partly paid securities that become fully paid, employee ends, securities issued on expiry or conversion of convertible securities
Entiti	es tha	t have ticked box 34(a)	
Addit	ional s	ecurities forming a new cla	ss of securities
Tick to docume		e you are providing the informat	tion or
35			securities, the names of the 20 largest holders of the number and percentage of additional *securities held by
36			y securities, a distribution schedule of the additional ober of holders in the categories
37		A copy of any trust deed for the	ne additional <sup>+</sup> securities

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<sup>+</sup> See chapter 19 for defined terms.

Entitie	es that have ticked box 34(b)		
38	Number of securities for which <sup>+</sup> quotation is sought		
39	Class of *securities for which quotation is sought		
40	Do the *securities rank equally in all respects from the date of allotment with an existing *class of quoted *securities?		
	If the additional securities do not rank equally, please state:  • the date from which they do  • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment  • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment		
41	Reason for request for quotation now  Example: In the case of restricted securities, end of restriction period		
	(if issued upon conversion of another security, clearly identify that other security)		
		Number	+Class
42	Number and *class of all *securities quoted on ASX (including the securities in clause 38)		

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<sup>+</sup> See chapter 19 for defined terms.

## **Quotation agreement**

- <sup>+</sup>Quotation of our additional <sup>+</sup>securities is in ASX's absolute discretion. ASX may quote the <sup>+</sup>securities on any conditions it decides.
- We warrant the following to ASX.
  - The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
  - There is no reason why those +securities should not be granted +quotation.
  - An offer of the \*securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.

Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty

- Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any \*securities to be quoted and that no-one has any right to return any \*securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the \*securities be quoted.
- If we are a trust, we warrant that no person has the right to return the <sup>+</sup>securities to be quoted under section 1019B of the Corporations Act at the time that we request that the <sup>+</sup>securities be quoted.
- We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
  - We give ASX the information and documents required by this form. If any information or document not available now, will give it to ASX before <sup>+</sup>quotation of the <sup>+</sup>securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here:

(Company secretary)

Date: 1 December 2011

Print name:

**Grant Lister** 

<sup>+</sup> See chapter 19 for defined terms.