Ameriprise Financial Services, Inc. 70400 Ameriprise Financial Center Minneapolis, MN 55474

Ameriprise Institutional Account Ameriprise® Brokerage



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Non-Qualified Account Application

1	 All owners on the account must be established as client in eForms Manager on the AdvisorCompass[®] site prior Each account ownership must complete a separate app 	to setting	the "Create New Client" link g up a new account.	Taxpayer Identification Number
Pa	rt 1 Client Account Information			
Acco	unt Registration			
Acco	unt Registration (continued)			
Pa	rt 2 Institutional Entity			
A. Ty	ype of Institutional Entity			
0	US Municipal, County, State or Federal Government Entity		Registered Investment Com	pany
0	US Banking Institution	\circ		tered either with Securities and
0	Insurance or Reinsurance Company			er Section 203 of the Investment a state securities commission
0	Hedge Fund	\circ	A public company traded on	a national exchange
0	Other Regulated Financial Institution	\circ	A private company	
0	Foreign Financial Institution	\circ	Other	
В. О	wnerships			
	Trust		Corporate - Required [Documents:
	Partnership			Resolution dated within 12 months of the
	LLC - Required Information:			is application, identifying authorized signers. Business License or Articles of Incorporation.
	LLC must have its own TIN, and A complete Operating Agreement identifying authorized so Note: A Corporate resolution dated within 12 months is returned the Operating Agreement does not identify the managing	equired i		
C. La	arge Trader Application			
SE	C larger trader (Rule 13h-1) identification (if applicable)			
Lar	ger Trader ID Name of the	ne Large	Trader	
Pa	rt 3 Authorized Persons			
perso	se provide the following information regarding the person(s) on listed must be a U.S. citizen, must be of legal age in the sement.			
Pers	son #1			
Nam	e			Position
Hom	e Address			
City		Stat	e ZIP code	Country
Date	of Birth (MMDDYYYY) Social Security Number	Per	rcentage of Ownership in the	Institutional Entity
			Au	thorized Persons continues on the next page

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Sign on Page 8, 9

Authorized Persons continued

Employment Information (See direct A. Employment Status Employed Self Employed				
Not Employed (unemployed, Occupation	retired, student, nomemaker)			
B. Is the authorized person employed Regulatory Authority (FINRA)? Yes (complete employer information No		of, a registere	ed broker-dealer, securit	ies exchange, or the Financial Industry
C. Is the authorized person an office Yes (complete employer infor No		r policymaker	of a publicly traded com	npany?
Employer Information required if 'Ye Employer	s" is answered in questions B of	or C above		
Employer Street Address				
Employer City		State	ZIP code	Employer Country
Person #2 Name				Position
Home Address				
City		State	ZIP code	Country
Date of Birth (MMDDYYYY)	Social Security Number	Percentag	e of Ownership in the In	stitutional Entity
Employment Information (See direct A. Employment Status Employed Self Employed Not Employed (unemployed, Occupation				
Regulatory Authority (FINRA)?		of, a registere	ed broker-dealer, securit	ies exchange, or the Financial Industry
Yes (complete employer infor	mation below)			
C. Is the authorized person an office Yes (complete employer infor		r policymaker	of a publicly traded com	npany?
Employer Information required if 'Ye	es" is answered in questions B	or C above		
Employer				
Employer Street Address				
			Authori	ized Persons continues on the next nage

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Authorized Persons continued

Employer City		State	ZIP code	Employer Country
Person #3 Name				Position
Home Address				
City		State	ZIP code	Country
Date of Birth (MMDDYYYY)	Social Security Number	Percenta	ge of Ownership in	the Institutional Entity
Occupation	d, retired, student, homemaker) lyed by, or an associated person formation below) licer, director, 10% shareholder of formation below)	r policymake		securities exchange, or the Financial Industry ed company?
Employer City		State	ZIP code	Employer Country
If there are more than 3 authorize	d persons, please copy this page	and provide	the above informa	ition for each individual.
Industry Regulatory Authority (Employer Information section. Is the authorized person an offi response to the question (Yes or Employment Status - Make one Occupation - Enter the occupation Employer Information (Required Employer - Name of Employer Street Ad Employer City/State	FINRA)? - Make one selection in cer, director, 10% shareholder No). If the response is yes, comp selection that applies (Employed on or job that represents the clien	or policyma lete the Emp, Self-Emplo t's usual emploical affiliation inployer's mai code of the E	the question (Yes aker of a publicly to bloyer Information sized or Not Employed bloyment or source in question)	ed). of livelihood.

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Part 4 Money Settlem	ent						
Uninvested cash balances will sweep daily.							
○ Ameriprise Cash¹.							
	aring free credit balance held in your incial Services, Inc., and is subject to		nterprise Investment Services, Inc., an				
	If this is to be a Delivery versus Payment (DVP) Account, please provide the following instructions:						
Institution ID Number	SEC Type	Agent Bank Number	DTC Number				
Institution Type	Agent/Bank Cust. Number	Delivery Facility	Physical Instructions				
Part 5 Initial Account	Funding						
How will the account be funded:							
Account Transfer							
Wire Transfer							
Check: Amount of check atta	ached \$						
		an Institutional Account Questionr	naire and you have received notice that it				
has been reviewed and determin			,				
Part 6 Margin Borrow	ing						
 A margin loan is an extension of credit backed by the eligible securities you hold in your account. Margin lending has specific risks outlined in the Margin Risk Disclosure document that you should be aware of before opening a margin account. Margin lending allows you to borrow funds to purchase securities or withdraw cash. You will incur margin interest if you take a margin loan. Institutional, trust, corporations and LLCs should review their legal documents with their own legal counsel to determine if margin lending is permitted. Margin not available on accounts with Delivery Versus Payment (DVP) instructions. 							
Part 7 Account Level	Suitability						
	<u> </u>						
Basic definitions for Investment	ent Time Frame, Risk Tolerance, Inve	estment Objectives and Liquidity Ne	eeds are provided below.				
Planned Initial Investment A	mount						
Source of Funds: (Check all that	at annly)						
Employment	Inheritance	Real Estate/Land					
401(k)/Pension	Investment Income	Business Earnings / Sale o	f Business				
Lawsuit / Settlement	Other						
Investment Time Frame (Select only one)	Risk Tolerance (Select only one)	Investment Objectives (Selectives 1st 2nd 3rd	t at least one per order of importance)				
A. Less than 1 Year	A. Conservative	O O A.	Capital Preservation				
B. 1 - 3 Years	B. Conservative/Moderate		Income				
C. 4 - 7 Years	C. Moderate	~ ~ ~	. Tax Considerations				
D. 8 - 10 Years	D. Moderate/Aggressive		Protection				
E. 11+ Years	E. Aggressive	~ ~ ~	Education Estate Planning				
Liquidity Needs	L. Aggressive	~ ~ ~ ~ ~ ~ ~	. Estate Planning . Speculation				
(Select only one)			Growth				
A. Less than 1 Year		O O J.	Growth with Income				
○ B. 1 - 7 Years○ C. 8+ Years		"B. Capital Appreciation" is no l	longer an option.				
O. O. Todio							
		Account Level S	Suitability continues on the next page				

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Account Level Suitability continued

nvestment Time Fra	me Definition
Investment Time Frame	The expected period of time you plan to invest to achieve your current financial goal(s).
Risk Tolerance Defin	itions
higher your risk tolera	cribes your ability to bear the possibility of investments losing value in exchange for the possibility of higher returns. The ance, the higher the potential for large losses and gains.
*Under extreme mark	tet conditions declines may exceed this amount. Options are:
Conservative	You are willing to accept the lowest fluctuation in account value in exchange for the lowest return potential. For example: You are comfortable with an exposure of up to 35% in equities and understand this portfolio could experience a decline in value of 12%*.
Conservative / Moderate	You are willing to accept a relatively low fluctuation in account value in exchange for a below average return potential. For example: You are comfortable with an exposure of up to 55% in equities and understand this portfolio could experience a decline in value of 23%*
Moderate	You are willing to accept an average fluctuation in account value in exchange for an average return potential. For example: You are comfortable with an exposure of up to 75% in equities and understand this portfolio could experience a decline in value of 33%*.
Moderate / Aggressive	You are willing to accept a relatively high fluctuation in account value in exchange for a relatively high return potential. <i>For example:</i> You are comfortable with an exposure of up to 90% in equities and understand this portfolio could experience a decline in value of 39%*.
Aggressive	You are willing to accept the highest fluctuation in account value in exchange for the highest return potential. For example: You are comfortable with an exposure of up to 100% in equities and understand this portfolio could experience a decline in value of 43%*.
nvestment Objective	Definitions
Capital Preservation	The primary goal is preservation of capital over growth or income.
Income	The primary goal is income provided by the investment (e.g. dividends) rather than potential growth.
Tax Considerations	The primary goal is investments that mitigate federal, state and/or local taxes.
Protection	The primary goal is leaving a monetary benefit at death to loved ones or charity.
Education The primary goal is providing/paying for education related expenses.	
Estate Planning	The primary goal is transferring assets to loved ones and/or providing a legacy at one's death.
Speculation	The primary goal requires an acceptance of a higher-than-average risk and/or loss of capital in hope of making a higher-than-average return.
Growth	The primary goal is an increase in the capital or market value of the investment rather than income that may be received from the investment.
Growth with Income	The primary goal is to provide both growth and income, often by choosing investments which have earnings growth as well as dividends.
iquidity Needs Defin	nition
Liquidity Needs	Period of time from the present until you anticipate you may need access to some of the investment dollars.

Part 8 Select Mutual Fund Lot Relief Method for Accounts Holding Mutual Funds and Equities

Equities First In First Out (FIFO) The first tax lots purchased are the first tax lots sold. The tax lots remaining each maintain their individual tax lot cost. Highest In First Out (HIFO) The tax lots with the highest cost basis are the first tax lots sold. The tax lots remaining each maintain their individual tax lot cost. Compare Control Co The last tax lots purchased are the first tax lots sold. The tax lots remaining each maintain their individual tax lot cost. **Mutual Funds** Average Cost Basis

The mutual funds cost basis is the total amount invested averaged over the shares purchased, giving each share the same basis. As new tax lots are purchased, or other adjustments are made, the average cost of the shares is recalculated. For holding period purposes, the first tax lots purchased are the first tax lots sold. Average cost is calculated separately for covered and noncovered shares.

Non Average Cost

The lot relief method for the mutual fund account will be the same lot relief method elected for equities on this account, even if there are no equities in the account.

Make one election in each section. If no election is made in any or all of the following sections, the default is the first choice in that section.

Dividend Reinvestment Plans

Non Average Cost

The lot relief method for the account will be the same lot relief method elected for equities on this account, even if there are no equities in the account

Average Cost Basis

The cost basis for the affected assets is the total amount invested averaged over the shares purchased, giving each share the same basis. As new tax lots are purchased, or other adjustments are made, the average cost of the shares is recalculated. For holding period purposes, the first tax lots purchased are the first tax lots sold. Average cost is calculated for covered shares only.

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Part 9 Select Bond Elections



- The default for market discount computation method is straight line.
- The defaults for the remaining bond elections are listed below. To make an election other than the default shown, use Form 402459.

Market Discount Computation Method

Straight Line

Constant Yield

Recognition of Market Discount Income

At sale/maturity

Amortize Bond Premium on Taxable Debt

Amortize

Treat all Interest, Discount, and Premium as OID

Nο

Part 10 Acknowledgements and Signatures

As used below, the words "You", "Your" and "Yours" refer to you the applicant. "We", "Our" and "Us" refer to Ameriprise Financial Services, Inc. ("AFSI") and/or American Enterprise Investment Services, Inc. ("AEIS") which are subsidiaries of Ameriprise Financial, Inc. ("AFI"). "Agreement" refers to the *Ameriprise* Brokerage Client Agreement.

Please read this section and all related documents carefully, then sign and date below. By signing this Application, you acknowledge that: a) all of the information contained in this Application is correct and accurate, and that you intend for us to rely on the information contained herein with regard to this account; b) you authorize all activity indicated within this application, c) you agree that we may deliver documents on a CD to you by mail or in person, and you will notify your financial advisor if you prefer to receive paper copies of these documents, and d) you agree to all terms and conditions stated in this Application and in the related documents provided to you on CD or in paper. You affirm that all persons whose signatures appear on this Institutional Account Agreement (i) have the required power and authority to enter into this agreement and perform in accordance with its terms and to effect transactions in securities; are (ii) duly authorized to bind the entity for which this account is to be opened; and that (iii) this agreement constitutes a valid, binding and enforceable agreement against the owner of this account.

Ameriprise Brokerage Acknowledgements:

- Identity Information: You understand that AFSI is required by law to obtain certain personal information from you which will be used by us to verify your identity and include in any reports to tax or regulatory authorities as required. If you do not provide us with this information, we may not be able to open your account. If we are unable to verify your identity, we reserve the right to close your account and to take such other steps as we deem reasonable.
- Information Sharing: You understand that the clearing agent, AEIS, will release your name, address and security position to requesting
 companies in which AEIS holds securities for your account, unless you specify otherwise to AFSI.
- Termination of Account: You understand that your account may be terminated by you or by us. Termination will result in the cancellation of your
 account and all of the underlying investments in your account. You understand you are responsible for charges relating to any termination of this
 account.
- Margin Account: BY REQUESTING MARGIN AND SIGNING THIS AGREEMENT, I ACKNOWLEDGE THAT MY SECURITIES SECURING
 ANY MARGIN LOAN MAY BE LOANED TO YOU OR LOANED OUT TO OTHERS. I agree to abide by the margin terms and conditions detailed in
 the Agreement and understand the risks of margin as outlined in the Margin Disclosure Statement provided to me. I understand I will incur margin
 interest if I take a margin loan.
- Internet Access: You understand that Internet access will be provided to you at account opening. If you want to disable Internet access, you can call the service number on your statement.
- Electronic Funds Transfer: You understand that in connection with your brokerage account, you may transfer funds electronically between your cash sweep option and any other eligible account you designate, including accounts held at third parties, pursuant to your instructions and pursuant to the Electronic Funds Transfer terms and conditions in the Agreement. You understand that funds transfers initiated via the Automated Clearing House (ACH) network are governed by the rules of the National Automated Clearing House Association (NACHA).
- Business Continuity: You acknowledge that you have received the Ameriprise Financial Business Continuity Plan Disclosure.
- Financial Interest in Products: You understand that AFSI has a financial interest in the sales of proprietary products that are manufactured by its affiliates. AFSI and its affiliates receive more revenue from the sale of some financial products and services, particularly those products and services sold under the Ameriprise and RiverSource brands, than for the sale of other products and services. AFSI generally also receives more revenue for securities or products sold in a fee-based account than for those sold with only a sales charge or commission. Higher revenue generally results in greater profitability for the firm. Employee compensation (including management and field leader compensation) and operating goals at all levels of the company are tied to the company's success. Management, sales leaders and other employees generally spend more of their time and resources promoting Ameriprise and RiverSource products and services.
- Cost Basis for Equities:
 - First In First Out (FIFO):

The first tax lots purchased are the first tax lots sold. The tax lots remaining each maintain their individual tax lot cost.

- Highest In First Out (HIFO):
 - The tax lots with the highest cost basis are the first tax lots sold. The tax lots remaining each maintain their individual tax lot cost.
- Last In First Out (LIFO):

The last tax lots purchased are the first tax lots sold. The tax lots remaining each maintain their individual tax lot cost.

If specific identification of shares sold is desired, that must be done at the time of sale.

Acknowledgements and Signatures continued on next page...



Acknowledgements and Signatures continued

• Cost Basis For Mutual Fund:

Average Cost Basis:

The mutual funds cost basis is the total amount invested averaged over the shares purchased, giving each share the same basis. As new tax lots are purchased, or other adjustments are made, the average cost of the shares is recalculated. For holding period purposes, the first tax lots purchased are the first tax lots sold. Average cost is calculated separately for covered and noncovered shares.

• Non-Average Cost Basis:

The lot relief method for the mutual fund account will be the same lot relief method elected for equities on this account, even if there are no equities in the account.

If shares have been sold using average cost, specific identification may be prospectively accounted.

Cost Basis for Equities Dividend Reinvestment Plans (DRP):

Non-Average Cost Basis:

The lot relief method for the account will be the same lot relief method elected for equities on this account, even if there are no equities in the account.

• Average Cost Basis:

The cost basis for the affected assets is the total amount invested averaged over the shares purchased, giving each share the same basis. As new tax lots are purchased, or other adjustments are made, the average cost of the shares is recalculated. For holding period purposes, the first tax lots purchased are the first tax lots sold. Average cost is calculated for covered shares only.

Bond Elections:

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Revoking certain bond elections may require IRS consent.

- You understand and acknowledge that neither AFSI nor your financial advisor provides tax advice and you must consult your tax professional or attorney regarding tax issues specific to your circumstances.
- You understand that investment products are not federally or FDIC insured, are not deposits or obligations of, or guaranteed by, any financial institution, and involves investment risks including possible loss of principal and fluctuation in value.
- You acknowledge that you have received and read the Agreement and agree to abide by the terms and conditions as currently in effect or as they may be amended from time to time. You hereby consent to all these terms and conditions with full knowledge and understanding of the information contained in the Agreement. This account is governed by a predispute arbitration clause which is found in Section 28, Page 3 of the Agreement. You acknowledge receipt of the predispute arbitration clause.

Representations, Warranties and Covenants. With respect to any transactions in your Accounts, you represent, warrant and covenant the following:

- You possess the sophistication, expertise and investment knowledge necessary to make informed investment decisions on securities subject to orders you transmit to us.
- You qualify as an 'institutional account' as defined by FINRA Rule 4512.
 - You will not rely on Ameriprise Financial Services, Inc. for tax, legal or investment recommendations or advice, you will exercise your own discretion and you will independently evaluate relevant factors, including the economic features of the security involved, the complexity of the security, and the associated market, credit and currency risks, if any,
- While you may receive advice or securities recommendations from an Ameriprise Financial Services' advisor, you agree that any advice you receive will not serve as the primary basis for your investment decisions. Ameriprise Financial Services and AEIS cannot guarantee or project the performance of any security or investment. Your advisor will not review or monitor the day-to-day performance of your investments and will not execute any transaction without your prior direction.
- All orders, electronic or otherwise, are unsolicited and are your sole responsibility. You assume full financial responsibility for all transactions executed for your Accounts; you will not hold, nor seek to hold, Ameriprise Financial Services, Inc. or its affiliates liable for any trading losses or other losses.
- If this account is being established by a financial services entity where the source of funds is from client deposits (such as a bank or credit union), you hereby affirm that the entity for which this account is being established is subject to various U.S. anti-money laundering (AML) laws and regulations, and that the entity complies with all such applicable laws and regulations as may be in effect from time to time. Such laws include the Bank Secrecy Act of 1970, as amended, along with other Federal and state statutes subsequently enacted, including the USA PATRIOT Act of 2001, and the regulations administered by the U.S. Department of Treasury's Office of Foreign Assets Control (collectively, the "Acts/OFAC regulations"). You further represent that the entity maintains an Anti-Money Laundering Program and procedures thereunder with respect to all of its subsidiaries and affiliates in order to reasonably comply with applicable U.S. anti-money laundering laws (the "Program") and that the Program contemplates the effect of applicable law and regulations, including those of the Acts/OFAC regulations and, where and as appropriate, will conform to the requirements of the U.S. Treasury regulations promulgated thereunder to date and in the future. You further represent that the Program includes a risk-based "Know Your Customer/Enhanced Due Diligence Program"; record-keeping policies and procedures; systems and procedures for identifying, investigating and reporting suspicious activity; designated compliance officers and a money laundering prevention function; initial and periodic training of appropriate employees; and independent audits, and that the Program is periodically evaluated and enhanced by the entity where appropriate in order to keep pace with the entity's business activities and evolving supervisory activities and requirements.
- All decisions to purchase, sell or hold securities in the Account(s) are to be made by persons whom you have designated as having trading authority for the Account(s).
 - This account will be considered an "Institutional Account" as that term is defined in the Rules of the Financial Industry Regulatory Authority. You represent to Ameriprise Financial Services, Inc., that you and any authorized persons designated by you are sophisticated in terms of evaluating the merits of any potential investment, and that you are solely responsible for making the final determination as to the appropriateness of any investment decision for the Account(s).
 - Adherence to any investment standards or similar information outlined in any Investment Policy Statement or similar document is solely and entirely your obligation. Under the terms and conditions of the Ameriprise Institutional Account Agreement neither Ameriprise Financial Services. Inc., nor its affiliates, officers, directors, agents or representatives, are responsible for determining whether or if any investment transaction or series of transactions in the Accounts comply with the terms of any such Investment Policy Statement.

Brokerage, investment and financial advisory services are made available through Ameriprise Financial Services, Inc. (AFSI), Member FINRA and SIPC. Clearing, custody and settlement services are made available by American Enterprise Investment Services, Inc. (AEIS), Member FINRA and SIPC. AFSI and AEIS are subsidiaries of AFI.

Acknowledgements and Signatures continued on next page... L (12/13)

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Acknowledgements and Signatures continued

W-9 TIN Certification				
Check appropriate box for federal tax classification	n (required):			
☐ Individual/Sole proprietor	Partnership			
Corporation	○ Trust			
C-Corporation	Revocable (Optional Additional Trust Details)			
S-Corporation	Irrevocable (Optional Additional Trust Details)			
Limited Liability Company (LLC) C-Corporation	Estate			
	Other			
S-Corporation	Other			
Partnership				
Check here if owner is an Exempt Payee (defin	ed in Form W-9 instructions)			
	(a) I am exempt from backup withholding, or (b) I have not been notified by the to backup withholding as a result of a failure to report all interest or dividends, or (c) act to backup withholding, and			
Certification Instructions:				
Check this box if you have been notified by the IRS interest and dividends on your tax return.	that you are currently subject to backup withholding because you have failed to report all			
 Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are: An individual who is a U.S. citizen or U.S. resident alien, A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States, An estate (other than a foreign estate), or A domestic trust (as defined in Regulations section 301.7701-7). Non-U.S. persons should submit the appropriate Form W-8. Form W-9 and Form W-8 and their instructions are available upon request or on irs.gov. The Internal Revenue Service does not require your consent to any provision of the document other than the certifications required 				
to avoid backup withholding.	* '			
All Persons authorized to set up or transact must significant first Authorized Signer	gn below. State of:			
First Authorized Signer Signature	Date (MMDDYYYY)			
X				
Second Authorized Signer				
Second Authorized Signer Signature	Date (MMDDYYYY)			
X	Date (MINIDDITTI)			
Third Authorized Signer				
Third Additionized Signer				
Third Authorized Signer Signature	Date (MMDDYYYY)			
X	ate (MINIBBTTTT)			
Fourth Authorized Signer				
Fourth Authorized Signer Signature	Data (MMADDVVVVV			
Fourth Authorized Signer Signature	Date (MMDDYYYY)			
X				
Fifth Authorized Signer				
Fifth Authorized Signer Signature	Date (MMDDYYYY)			
X				

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Sixth Authorized Signer	
Sixth Authorized Signer Signature	Date (MMDDYYYY)
X	
Is this account application submitted based on a recommendation by an Ameriprise financial advisor?	
(i) If yes, provide the Recommending Advisor ID# and Name below if different than Servicing Advisor. Name	Advisor ID
It is assumed the Recommending Advisor and Servicing Advisor are the same if the Recommending Adv	risor is not identified.
ervicing Advisor Information Name	Advisor ID
	/ tavioor is
Is this account assigned to a Comp Sharing Team ID ? Yes No Comp Sharing Team ID	
Advisor Signature	Date (MMDDYYYY)
X	
Phone Ext Branch Office Number	
Promotion Code	

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